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Leibniz
Universität
Hannover

Oberseminar Analysis und Theoretische Physik

Prof. Dr. Andreas Thom
Universität Leipzig

Entropy and Determinants

This talk is about the relationship between the entropy of certain dynamical systems and certain determinants defined on infinite-dimensional algebras of operators. All notions will be motivated and explained in detail. This work leads to the proof of a conjecture by Christopher Deninger about the entropy of principal algebraic actions as well as a proof of a conjecture by Wolfgang Lück about the vanishing of L_2 -Torsion of amenable groups.

**Dienstag, 3.12.2013, 15:15 Uhr, Raum g005
Hauptgebäude der Leibniz Universität**

Dazu laden herzlich ein:
Prof. Dr. Joachim Escher
Prof. Dr. Olaf Lechtenfeld
Prof. Dr. Elmar Schrohe
Prof. Dr. Christoph Walker