



Mathematisches Kolloquium

Am Freitag, dem 01. Juli 2016 spricht um 14 Uhr c. t. im Hörsaal IV
der Fachrichtung Mathematik (Gebäude E24)

Prof. Dr. Ken Dykema
Texas A&M University

über das Thema:

Invariant subspaces and upper triangular forms

Abstract: In a classical result due to Issai Schur [1909], a matrix over the complex numbers can be written in upper triangular form, with help of its invariant subspaces. An important goal is to find such upper triangular forms and invariant subspaces (or prove they don't exist!) for linear operators on infinite dimensional spaces. We will review some older results on these topics and then describe some remarkable invariant subspaces found recently by Haagerup and Schultz for operators in tracial von Neumann algebras, and how they can be used to find upper triangular forms.

Der Gast wird von Prof. Dr. Roland Speicher betreut.

Alle Interessenten sind zum Vortrag herzlich eingeladen.

Kaffee und Tee ab 13.45 Uhr im Konferenzraum der Mathematik (Erdgeschoss, Raum 103)

Die Dozenten der Mathematik