



Mathematisches Kolloquium

Am Freitag, dem 31. Januar 2014 spricht um 14 Uhr c.t. im Hörsaal IV
der Fachrichtung Mathematik (Gebäude E24)

Prof. Dr. Guido Sweers
Universität Köln

über das Thema:

On an anti-eigenvalue and an expected lifetime

Abstract: For second order elliptic boundary value problems the maximum principle is an extremely useful tool with the simplest result being: a positive right hand side implies a positive solution. Although higher order elliptic problems have many features in common with second order, there is also a crucial difference: the lack of a maximum principle. Nevertheless, for a typical fourth order problem such as a clamped or hinged plate, a positive force seems to result in a positive deformation. Where does this positivity preserving property go wrong?

Der Gast wird von Prof. Dr. M. Groves betreut.

Alle Interessenten sind zu dem Vortrag herzlich eingeladen.

Kaffee und Tee ab 13.45 Uhr im Konferenzraum der Mathematik (Erdgeschoss, Raum 1.03)

Die Dozenten der Mathematik