

Vorträge

Mittwoch, 2. März 2011, ab 15:00 Uhr, Olga Taussky-Todd Raum (C 209), UZA 4

Mathematisches Kolloquium

Prof. Elena Beretta (Sapienza Universität di Roma): "Determination of thin elastic inclusions from boundary measurements"

(15:45 Uhr bis 16:15 Uhr: K & K im Common Room)

Dekan Univ.-Prof. Dr. Harald Rindler, Univ.-Prof. Dipl.-Ing. Dr. Otmar Scherzer

Mittwoch, 2. März 2011, ab 16:15 Uhr, Olga Taussky-Todd Raum (C 209), UZA 4

Mathematisches Kolloquium

Prof. Parusinski (Université de Nice): "Determining qualitative properties of trajectories of real analytic vector fields"

Abstract: We discuss on examples how the classical methods of theory of singularities, resolution of singularities, stratifications, characteristic exponents, can be used to study the geometric properties of trajectories of real analytic vector fields. These trajectories, the solutions of systems of ordinary differential equations with real analytic (or simply polynomial) coefficients, are in general transcendental. Therefore, their qualitative behavior, such as stability or "non-oscillation" at the limit points, is difficult to determine directly by the analytic geometry methods. The examples will include the non-oscillation of the trajectories of gradient vector fields (GradientConjecture of R. Thom, solved in 2000). We also state some open problems.

Dekan Univ.-Prof. Dr. Harald Rindler, Privatdoz. Mag. Dr. Armin Rainer

Montag, 28. Februar 2011, ab 18:00 Uhr, Seminarraum D 101, UZA 4

Öffentliche Defensio

Dipl.-Math. Dominik Bayer: "Bilinear Time-Frequency Distributions and Pseudodifferential Operators"

Dienstag, 1. März 2011, von 17:00 Uhr bis 18:00 Uhr, Seminarraum C 209, UZA 4

Vortrag

Dr. Monika Muszkieta (Inst. of Math. and Computer Sciences, Wroclaw, Univ. of Technology, Poland): "Topological asymptotic expansion of the Mumford-Shah functional" organized by O. Scherzer

Donnerstag, 3. März 2011, ESI Boltzmann Lecture Hall, Boltzmannngasse 9, 1090 Wien

ESI Senior Research Fellow Lecture Courses

Summer Term 2011

organized by J. Schwermer

Details siehe Attachment

Donnerstag, 3. März 2011, WPI Seminarraum C 714, UZA 4

WPI Vortrag

Ludwig Gauckler: "Convergence of a split- step Hermite method for the Gross-Pitaevskii equation"

http://www.wpi.ac.at/talks_view.php

Freitag, 4. März 2011, ESI Boltzmann Lecture Hall, Boltzmannngasse 9, 1090 Wien

ETH-Day

organized by H. Hauser, E. Faber, C. Bruschek

Link: <http://www.xxyyzz.cc/>