

Vorträge

Mittwoch, 4. Mai 2011, von 15:00 Uhr – 15:45 Uhr, Olga Taussky-Todd Raum (C 209), UZA 4
Junior Kolloquium

Univ. Prof. Dr. Arhangelskii: „An introduction to Hausdorff compactifications of topological spaces”

Abstract: "Some basic definitions and facts involving Hausdorff compactifications of Tychonoff spaces are exposed. In particular, we briefly discuss extensions of continuous mappings of spaces to their compactifications.

We also present some elementary duality theorems relating certain properties of a space to some properties of its remainders. Several examples are thoroughly discussed."

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

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

Univ. Prof. Dr. Arhangelskii: “Remainders of non-locally compact topological groups in Hausdorff compactifications”

Abstract: A Hausdorff compactification of a topological space X is a compact Hausdorff space bX which contains X as a dense subspace. If G is a topological group, and bG is a Hausdorff compactification of the space G , then the subspace $rG = bG \setminus G$ is called a remainder of G . If G is locally compact, then rG is compact. If G , in addition, is not compact, then rG can be selected to be a singleton, that is, to be trivial.

We consider a more delicate case of a non-locally compact topological group G and discuss, when some remainder rG of G is metrizable, when some remainder of G is paracompact, when some rG has the Baire property, and some other questions on relationship between topological properties of G and rG . In particular, a necessary and sufficient condition, in terms of remainders, for a non-locally compact topological group to be separable and metrizable is provided.

The case of remainders of paratopological groups is also briefly considered. It is shown that some basic results on remainders of topological groups cannot be extended to paratopological groups.

Dekan Univ.-Prof. Dr. Harald Rindler, Univ.-Prof. Dr. Klaus Schmidt

Montag, 2. Mai 2011, von 17:00 Uhr bis 18:30 Uhr, Seminarraum C 209, UZA 4
Vortrag im Rahmen des Seminars Finanzmathematik

Joachim Lebovits: „Stochastic Calculus with respect to multifractional Brownian motion using White Noise Theory“

Dienstag, 3. Mai 2011, von 11:15 Uhr bis 12:45 Uhr, Seminarraum D 103, UZA 4
Complex Analysis Seminar

Prof. Karlheinz Gröchenig: “Lattice sampling in the Bargmann-Fock space of several variables”
Link: <http://www.univie.ac.at/complexanalysis/Activities/Seminar2011.html>

Dienstag, 3. Mai 2011, von 10:00 Uhr bis 12:00 Uhr und Mittwoch, 4. Mai 2011, von 16:00 Uhr bis 18:00 Uhr, ESI Boltzmann Lecture Hall, Boltzmannngasse 9, 1090 Wien

ESI Senior research fellow Lectures – Summer Term 2011

Prof. Peter West: “Symmetries of Strings and Branes”

organized by J. Schwermer

(Details siehe Attachment)

Dienstag, 3. Mai 2011, von 15:00 Uhr bis 17:00 Uhr, Seminarraum D 101, UZA 4
Vortrag im Rahmen des PJSE Research Seminars von Univ.-Prof. Goulmara Arzhantseva, PhD
Adam Timar, PhD: "Ultraproducts and soficity. Surjunctive groups"
organized by G. Arzhantseva, S. Gal, A. Timar
Link: <http://www.mat.univie.ac.at/~dosaj/GGTWien/Seminar.html>

Dienstag, 3. Mai 2011, von 15:15 Uhr bis 16:45 Uhr, TU Institut für Diskrete Mathematik und Geometrie, Freihaus, grüner Turm (A), 8. Stock, Dissertantenr., Wiedner Hauptst. 8-10, 1040 Wien
Arbeitsgemeinschaft Diskrete Mathematik
Prof. Christian Krattenthaler: „The Shi Arrangement and the Ish Arrangement“
Link: <http://dmg.tuwien.ac.at/nfn/>

Dienstag, 3. Mai 2011, ab 11:00 Uhr, ESI Boltzmann Lecture Hall, Boltzmannngasse 9, 1090 Wien
ESI Seminar
Prof. Norbert Euler: "Multipotentialisation of Evolution Equations and the Converse Problem"
Organized by A. Constantin

Mittwoch, 4. Mai 2011, ab 14:00 Uhr, ESI Boltzmann Lecture Hall, Boltzmannngasse 9, 1090 Wien
ESI Senior research fellow Lectures – Summer Term 2011
Dr. Christian Huck: "Entropy of the k -free points in n -dimensional lattices"
organized by J. Schwermer
(Details siehe Attachment)

Donnerstag, 5. Mai 2011, ab 11:00 Uhr, ESI Boltzmann Lecture Hall, Boltzmannngasse 9, 1090 Wien
ESI Seminar
Prof. Helge Holden: "On the Nonlinear Variational Wave Equation"
Organized by A. Constantin