

VORTRÄGE

15:45 Kaffee

Mittwoch, 09. Mai 2018 16:15 bis 17:15, Sky Lounge, 12. OG, OMP 1

Mathematisches Kolloquium : Josef Schicho (Universität Linz): "Moving Graphs"

Org: H. Hauser

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/20180509Josef_Schicho.pdf

Abstract:

Given a graph $G=(V,E)$ whose vertices are points in the plane and whose edges are straight line segments (crossings allowed), we ask whether it is possible to move the points in the plane so that all edge lengths are preserved. If $|E|<2|V|-3$, then the answer is yes for generic positions of the vertices. A necessary and sufficient condition for the property of a graph that a generic positioning is moving has been given 1927 by H. Pollaczek Geiringer; this result has been rediscovered by G. Laman in 1970. But even if a graph is generically rigid, then it may move in special positions. A classical construction by A. Dixon from 1899 works for all bipartite graphs. In this talk, we give a combinatorial criterion for the existence of an assignment to edge lengths by positive numbers allowing motion and discuss some new examples.

Anschließend vinum cum pane

Montag, 07. Mai 2018 11:00 bis Mittwoch, 09. Mai 2018 12:00, ESI, Boltzmann Lecture Hall, Boltzmanngasse 9/2, 1090 Wien

Programme Quantum Paths: "Low dimensional systems"

Org: P. Calabrese (SISSA, Trieste), F. H. L. Essler (Oxford U), G. Mussardo (SISSA, Trieste), J. Schiedmayer (TU Wien), G. Sierra (IFT Madrid), F. Verstraete (U Wien)

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/MSC_week5.pdf

Montag, 07. Mai 2018 15:00 bis 16:00, WPI Seminarraum 08.135, OMP 1

PDE-Afternoon: David Muraki (Simon Fraser Univ. Brithis Columbia, Canada): "Mysterious Holes in the Sky & A Theory for the Motion of Cluod Edges"

Org: SFB, DK

<https://www.univie.ac.at/sfb65/public/events/details/?type=2&id=37>

Dienstag, 08. Mai 2018 09:45 bis 11:15, SR 12, 2. OG, OMP 1

Complex Analysis SE: Friedrich Haslinger (Univ. Wien): "The ∂ -complex on the Fock space - Part III"

Org: M. Reiter, B. Lamel

<http://complex.univie.ac.at/>

Dienstag, 08. Mai 2018 15:00 bis 15:45, TU Wien, Wiedner Hauptstr. 8, FH 8 Nöbauer HS, 2 OG., gelber Bereich

PDE Afternoon: Martin Kruzik (Academy of Sciences, Czech Republic): "Weak* lower semicontinuity for signed integral functions on BV and applications"

Org: SFB, DK

<https://www.univie.ac.at/sfb65/public/events/details/?type=1&id=108>

Dienstag, 08. Mai 2018 15:15 bis 17:00, SR 09, 2. OG, OMP 1

Geometry and Analysis on Groups Research SE: Lukasz Grabowski (Lancaster Univ.): "Almost commuting matrices with respect to the rank metric"

Org: G. Arzhantseva, Ch. Cashen

<http://www.mat.univie.ac.at/~gagt/abstracts/180508.html>

Dienstag, 08. Mai 2018 15:15 bis 16:45, Dissertantenraum, Freihaus, Turm A, 8. OG., Wiedner Hauptstr. 8-10, 1040 Wien

AG Diskrete Mathematik: Wenjie Fang TU Graz): "Fighting fish, two-stack sortable permutations and so on"

Org: Ch. Krattenthaler

<http://dmg.tuwien.ac.at/nfn/agdm.html>

Dienstag, 08. Mai 2018 16:00 bis 16:30, TU Wien, FH 8 Nöbauer HS, 2 OG., gelber Bereich

PDE Afternoon: Laura Kanzler (Univ. Wien): "Kinetic Modelling of Colonies of Myxobacteria"

Org: SFB, DK

<https://www.univie.ac.at/sfb65/public/events/details/?type=1&id=109>

Dienstag, 08. Mai 2018 16:30 bis 17:00, TU Wien, Wiedner Hauptstr. 8, FH 8 Nöbauer HS, 2. OG., gelber Bereich

PDE Afternoon: Paul Stocker (Univ. Wien): "Tent pitching and a Trefftz discontinuous Galerkin method for the acoustic wave equation"

Org: SFB, DK

<https://www.univie.ac.at/sfb65/public/events/details/?type=1&id=110>

Mittwoch, 09. Mai 2018 13:30 bis 15:00, SR 13, 2 OG., OMP 1

Vortrag: Jorge Mozo (Univ. de Valladolid): "Results about analytic classification of holomorphic foliations - dimension three"

Org: A. Rainer

Mittwoch, 09. Mai 2018 14:00 bis 15:00, SR 4, 1 OG., OMP 1

Vienna SE in Mathematical Finance and Probability: Tahir Choulli (Univ. of Alberta, CA): "Martingales classification and decomposition for progressively enlarged filtrations with applications to finance and insurance"

<https://fam.tuwien.ac.at/events/vs-mfp/>