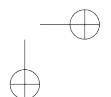


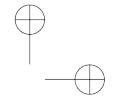
israeli-polish
mathematical meeting
Łódź 2011

program



Polish Mathematical Society
Israel Mathematical Union
University of Łódź
Technical University of Łódź



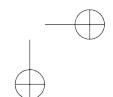


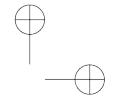
PROGRAM COORDINATORS
MACIEJ CZARNECKI
SZYMON M. WALCZAK

PROJECT AND TYPESETTING
SZYMON M. WALCZAK

COVER DESIGN
PODPUNKT

PRINTED BY
WIST

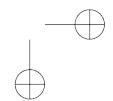
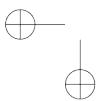


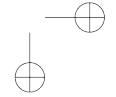
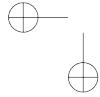
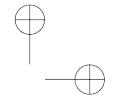
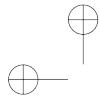


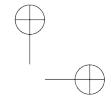
Israeli-Polish Mathematical Meeting, is a joint initiative of the Polish Mathematical Society (PTM) and the Israel Mathematical Union (IMU). Mathematicians from other countries are also cordially invited to participate.

The meeting is hosted by the Faculty of Mathematics and Computer Science, University of Łódź (UŁ). Its program covers many topics pertaining to mathematical research conducted in Israel and Poland. The Meeting consists of plenary lectures, thematic sections and other informal scientific discussions and social activities as well.

The Meeting starts in the morning of Monday September 12, 2011 and ends in the afternoon of Thursday September 15, 2011.

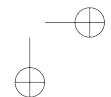


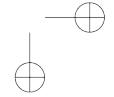
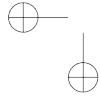
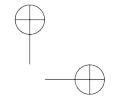
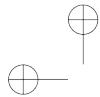


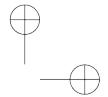


CONTENT

General Schedule	7
Algebraic Differential Equations and Foliations	9
Approximation and Complexity	11
Arithemtic Algebraic Geometry	13
Combinatorics	14
Common Trends in Mathematics Education Research	15
Complex Analysis and PDEs	17
CAST Workshop on Contact and Symplectic Topology	18
Contemporary Geometry	20
Ergodic Theory and Dynamical Systems	22
Functional Differential Equations	24
Games and Financial Mathematics	25
Geometric Function Theory	26
Geometric Topology	28
Geometry of Plane Curves	30
Homotopy Theory	31
Nilpotent Approximations in the Goursat Monster Tower	33
Nonlinear Analysis	34
Banach Center Operator Algebras	36
Real Analysis	38
Rooms	40
Lunch Breaks and Coffee Breaks	41
Participants	43







GENERAL SCHEDULE

MONDAY, 12.09

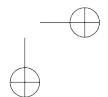
9:30 – 10:30	Opening Ceremony
10:30 – 11:00	coffee break
11:00 – 12:00	Elon Lindenstrauss Rigidity properties of some toral actions
12:00 – 13:00	Agata Smoktunowicz Old and new questions in non-commutative ring theory
13:00 – 14:30	lunch break
14:30 – 18:30	thematic section lectures
16:00 – 16:30	Nili Amit (Muzeum Historii Żydów Polskich) Presentation of the Museum of the History of Polish Jews- concepts of the Core Exhibition Aula, Faculty of Mathematics and Computer Science, Banacha 22

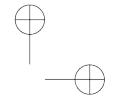
TUESDAY, 13.09

8:30 – 10:00	thematic section lectures, high school students' contest
10:30 – 11:30	Stanisław Kwapień Some theorems and conjectures concerning Vapnik-Chervonenkis classes of sets
11:30 – 12:30	Simeon Reich Problems and results in Nonlinear Analysis
12:30 – 14:00	lunch break
14:00 – 18:30	thematic section lectures

WEDNESDAY, 14.09

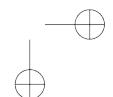
8:30 – 10:00	thematic section lectures
10:30 – 11:30	Noga Alon Strong and weak epsilon nets and their applications
11:30 – 12:30	Tomasz Łuczak Codes, randomness, and topology
12:30 – 14:00	lunch break
14:00 – 18:00	sightseeing
20:00 – 23:00	banquet

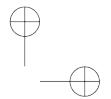




THURSDAY, 15.09

9:30 – 10:30	Mariusz Lemańczyk Joinings in ergodic theory and applications
10:30 – 11:00	coffee break
11:00 – 12:00	Gady Kozma Harmonic functions of minimal growth
12:00 – 13:00	Adam Paszkiewicz <i>the winner of the Main Prize of PTM (Nagroda im. Stefana Banacha)</i> On almost sure convergence, divergence and continuity
13:00 – 13:15	Closing Ceremony
13:15 – 14:30	lunch
14:30 – 18:30	thematic section lectures





ALGEBRAIC DIFFERENTIAL EQUATIONS AND FOLIATIONS

ROOM: A429

ORGANIZERS: S. YAKOVENKO, H. ŻOŁĄDEK

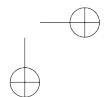
MONDAY, 12.09

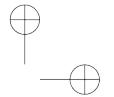
14:30 – 15:10	Dmitry Batenkov Infinitesimal Smale–Pugh problem for Abel equation and Remez-type inequality for Mellin transform of algebraic functions
15:20 – 16:00	Ewa Stróżyna Non–orbital formal normal forms for Bogdanov–Takens singularity
16:00 – 16:30	coffee break
16:30 – 17:10	Teresa Crespo On Umemura's automorphic extensions
17:20 – 18:00	Zbigniew Hajto On the problem of Baer and Kolchin in the Galois theory of differential equations

TUESDAY, 13.09

8:30 – 9:10	Lubomir Gavrilov On the number of limit cycles which appear by perturbation of two-saddle cycles of planar vector fields
9:30 – 10:00	Marcin Bobieński On the reduction of the degree of linear differential operators

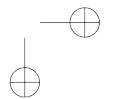
14:00 – 14:40	Andrzej Maciejewski The Kovalevsky exponents of weighted homogeneous systems and the Euler–Jacobi formula
14:45 – 15:20	Maria Przybylska Euler–Jacobi–Kronecker formula and necessary conditions for the integrability of rational homogeneous potentials
15:25 – 16:00	Paweł Lubowiecki The Hess–Appelrot system
16:00 – 16:30	coffee break
16:30 – 17:10	Jean-Marie Strelcyn Examples of some isochronous planar polynomial systems
17:20 – 18:00	Henryk Żołądek The Briskin–Françoise–Yomdin center problem for Abel equation

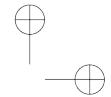




WEDNESDAY, 14.09

8:30 – 9:00	Sergey Yakovenko TBA
9:00 – 9:30	Grzegorz Świrszcz Application of the method of averaging – limit cycles of cubic vector fields with homogeneous nonlinearities





APPROXIMATION AND COMPLEXITY

ROOM: A426

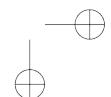
ORGANIZERS: A. PINKUS, H. WOŹNIAKOWSKI

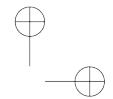
MONDAY, 12.09

14:30 – 15:00	Allan Pinkus Finding solutions with small support: how L^1 -approximation promotes sparsity
15:00 – 15:30	Ryszard Smarzewski & Przemysław Rutka The computational complexity of orthogonal polynomial transforms and plane curves
15:30 – 16:00	Maksymilian Dryja Parallel algorithms for solving elliptic problems
16:00 – 16:30	coffee break
16:30 – 17:00	Stefan Heinrich Randomized approximation and solution of elliptic PDEs
17:00 – 17:30	Leszek Skrzypczak On the interplay of regularity, decay and compactness in case of radial functions
17:30 – 18:00	Nira Dyn Reconstruction of 3D objects from parallel 2D cross-sections by the 4-point subdivision scheme
18:00 – 18:30	Bogdan Ćmiel & Karol Dziedziul & Barbara Wołnik New method of estimation of the smoothness parameter

TUESDAY, 13.09

8:30 – 9:00	Anna Kamont Analysis of Sobolev spaces via bases
9:00 – 9:30	Yuri Brudnyi Multivariate functions of bounded variables: duality, embeddings, nonlinear approximation
9:30 – 10:00	Erich Novak (In)tractability results for integration



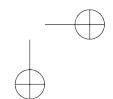


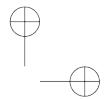
TUESDAY, 13.09

14:00 – 14:30	Leszek Plaskota Complexity of approximation of piecewise smooth functions
14:30 – 15:00	David Levin Approximating piecewise-smooth functions
15:00 – 15:30	Aicke Hinrichs Importance sampling for the approximation of integrals
15:30 – 16:00	Greg Wasilkowski On tractability of integration and approximation of ∞ -variate functions
16:00 – 16:30	coffee break
16:30 – 17:00	Elijah Liflyand Representation of a function as an absolutely convergent Fourier integral
17:00 – 17:30	Paweł Przybyłowicz The optimal approximation of the stochastic Itô integrals with application to the nonlinear Lebesgue integration
17:30 – 18:00	Vitaly Maiorov Approximation of star-shaped bodies by a neural network polytopes

WEDNESDAY, 14.09

8:30 – 9:00	Shai Dekel Anisotropic representations and function spaces in R^n
9:00 – 9:30	Henryk Woźniakowski Open tractability problems





ARITHMETIC ALGEBRAIC GEOMETRY

ROOM: D103

ORGANIZERS: G. BANASZAK, W. GAJDA, P. KRASOŃ, E. DE SHALIT

MONDAY, 12.09

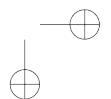
14:45 – 15:45	Vladimir Berkovich \mathbb{F}_1 geometry
16:00 – 16:30	coffee break
16:30 – 17:25	Piotr Krason On the image of ℓ -adic Galois representations for some classes of abelian varieties
17:35 – 18:30	Lior Bary-Soroker Free subgroups of etale fundamental groups

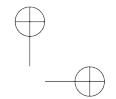
TUESDAY, 13.09

9:00 – 10:00	Andrzej Schinzel A property of quasi-diagonal forms
14:00 – 14:55	Ehud de Shalit Integral structures in smooth p -adic representations of GL_2
15:05 – 16:00	Grzegorz Banaszak Linear structures on abelian varieties
16:00 – 16:30	coffee break
16:30 – 17:25	Yoichi Uetake Abstract intersection theory and zeta functions
17:35 – 18:30	Tomer Schlank Relative homotopy type and obstructions to the existence of rational points

WEDNESDAY, 14.09

9:00 – 9:55	Tomasz Jędrzejak Modular approach to the Diophantine Equation $(x + y)(x^2 + Bxy + y^2) = Dz^2$
-------------	--





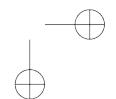
COMBINATORICS

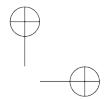
ROOM: A227

ORGANIZERS: M. KRIVELEVICH, T. ŁUCZAK

TUESDAY, 13.09

14:00 – 14:30	Andrzej Ruciński Hamilton cycles and perfect matchings in hypergraphs
14:30 – 15:00	Andrzej Dudek On Hamilton cycles in random hypergraphs
15:00 – 15:30	Mathias Schacht Extremal results in (pseudo)random discrete structures
15:30 – 16:00	Wojciech Samotij Sum-free sets in Abelian groups
16:00 – 16:30	coffee break
16:30 – 17:00	Jaroslav Nešetřil Sparse graphs and their degree of freedom
17:00 – 17:30	Tibor Szabó Sharp threshold for bounded degree spanning trees with many leaves or a long bare path
17:30 – 18:00	Jarosław Grytczuk Nonrepetitive colorings on arithmetic progressions
18:00 – 18:30	Michael Krivelevich Biased orientation games





**COMMON TRENDS IN MATHEMATICS EDUCATION RESEARCH
IN POLAND AND ISRAEL**

ROOM: D202

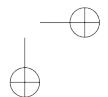
ORGANIZERS: D. TIROSH, E. SWOBODA

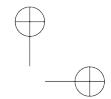
MONDAY, 12.09

Math Ed in Preschool, leader: Ruth Barkai	
14:30 – 15:00	Bożena Rożek Children's behavior can inspire mathematical creation
15:00 – 15:30	Pessia Tsamir & Dina Tirosh & Esther Levenson & Michal Tabach & Ruthi Barkai Promoting geometrical language usage among abused and neglected kindergarten children
15:30 – 16:00	Pessia Tsamir & Dina Tirosh & Esther Levenson & Michal Tabach & Ruthi Barkai A Framework For Investigating And Promoting Preschool Teachers' Knowledge And Self-Efficacy: The Case Of Geometry
16:00 – 16:30	coffeee break
Creativity in Math Ed, leader: Esther Levenson	
16:30 – 17:00	Esther Levenson Teachers' conceptions of creative mathematical tasks: three cases – three age groups
17:00 – 18:00	Edyta Gruszczyk – Kolczyńska & Marta Kotarba-Kańczugowska Work with gifted children – some proposals presentation

TUESDAY, 13.09

Technology and Math Ed, leader: Michal Tabach	
8:30 – 9:00	Talli Nachlieli & Michal Tabach Prospective teachers' further development of mathematical objects: The case of functions
9:00 – 9:30	Edyta Jagoda Static and dynamic aspect of the mirror symmetry
9:30 – 10:00	Dan Ophir DDDL: A Descriptive, Didactic and Dynamic Programming Language



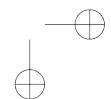


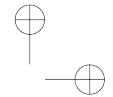
TUESDAY, 13.09

Classrom Research, leader: Michal Ayalon	
14:00 – 14:25	Maria Legutko On the ability of mathematical generalization on the example of the “step pattern” task
14:25 – 14:50	Michal Ayalon, Ruhama Even Argumentation in the mathematics classroom: The role of the teacher, the mathematical situation, and the classroom
14:50 – 15:15	Edyta Nowińska Possibilities and difficulties at improving students' mathematical behavior – results of a study of the deep and the visible structures of math lessons
15:15 – 15:40	Marta Pytlak Tasks concerning generalization and algebraic reasoning
15:40 – 16:00	Ewa Swoboda Is a mirror symmetry an obstacle in dynamic understanding of geometrical transformations?
16:00 – 16:30	coffeee break
Advanced Mathematical Thinking, leader: Boris Koichu	
16:30 – 17:00	Michał Tabach Analyzing mathematics teacher's practice in a technological environment: Two theories, one case study
17:00 – 17:30	Boris Koichu and Eman Atrash Promoting conceptual understanding in large-size linear algebra classes through teaching that involves the use of Classroom Response Systems (clickers)
17:30 – 18:00	Wacław Zawadowski McCallum syllepsis

WEDNESDAY, 14.09

8:30 – 10:00	closing discussion where we are, our common points, start points for a future common work
--------------	---





COMPLEX ANALYSIS AND PDEs

ROOM: D201

ORGANIZERS: Z. BŁOCKI, S. ZELDITCH

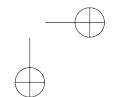
MONDAY, 12.09

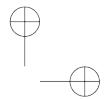
14:30 – 15:10	Zbigniew Błocki Title: Geodesics in the space of Kahler metrics
15:20 – 16:00	Żywomir Dinew Curvatures of the Bergman metric
16:00 – 16:30	coffee break
16:30 – 17:20	Alon Nishry The hole probability for Gaussian entire functions
17:30 – 18:20	Yanir Rubinstein Kahler-Einstein metrics singular along a divisor

TUESDAY, 13.09

9:10 – 10:00	Sławomir Kołodziej A priori estimates for complex Hessian equations
--------------	---

14:00 – 14:50	Semyon Alesker Quaternionic Monge-Ampere equations and HKT-geometry
15:00 – 15:50	Robert Berman The Calabi flow and a variational principle for the K-energy
16:00 – 16:30	coffee break
16:30 – 17:20	Jean-Yves Welschinger Exponential rarefaction of real curves with many components
17:30 – 18:20	Igor Wigman Nodal length fluctuations for arithmetic random wave





CAST WORKSHOP ON CONTACT AND SYMPLECTIC TOPOLOGY
(WITH FOCUS ON OPEN PROBLEMS)

ROOM: AULA

ORGANIZERS: M. ENTOV, A. TRALLE

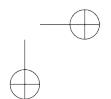
MONDAY, 12.09

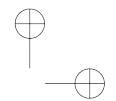
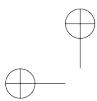
14:30 – 15:20	Michael Usher Hofer's metrics and the boundary depth
15:30 – 16:00	Joa Weber TBA
16:00 – 16:30	coffee break
16:30 – 17:20	Jean-Yves Welschinger What is the total Betti number of a random real hypersurface?
17:30 – 18:20	Mohammed Abouzaid Generating Fukaya categories
18:30 – 19:20	Kenji Fukaya TBA

TUESDAY, 13.09

8:30 – 9:15	Klaus Niederkrueger Weak fillability for higher dimensional contact manifolds
9:20 – 10:00	Federica Pasquotto Non-compact contact homology

14:00 – 14:50	Yaron Ostrover On the uniqueness of Hofer's geometry
15:00 – 16:00	Francois Lalonde TBA
16:00 – 16:30	coffee break
16:30 – 17:20	Richard Hind Symplectic embeddings of ellipsoids
17:30 – 18:20	Miguel Abreu Remarks on Lagrangian intersections in toric manifolds
18:30 – 19:00	Egor Shelukhin A quasimorphism for every symplectic manifold



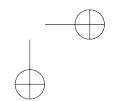
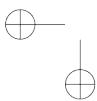


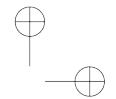
WEDNESDAY, 14.09

8:30 – 9:00	Andres Pedroza Bounded hamiltonian diffeomorphisms
9:10 – 10:00	Kaoru Ono Lagrangian tori in compact toric manifolds

THURSDAY, 15.09

14:30 – 15:20	Yasha Savelyev Quantum corrections to Hofer length and diameter
15:30 – 16:20	Jarek Kędra Quasi-isometric embeddings into diffeomorphism groups
16:30 – 17:00	Światosław Gal $dK(g) = g^* \alpha - \alpha$
17:10 – 18:00	Urs Frauenfelder Bubbles and onis





CONTEMPORARY GEOMETRY

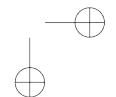
ROOM: A407

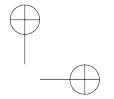
ORGANIZERS: V. ROVENSKI, P. WALCZAK, R. WOLAK

TUESDAY, 13.09

Submanifolds	
8:30 – 9:15	Remi Langevin Dupin cyclides satisfying three contact conditions
9:15 – 10:00	Barbara Opozda A moduli space of minimal affine Lagrangian submanifolds

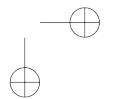
Foliations	
14:00 – 14:45	Paweł Walczak Extrinsic geometric flows
14:45 – 15:30	Vladimir Rovenski Variational formulae for a pair of complementary distributions on a Riemannian manifold
15:30 – 16:00	Robert Wolak Cohomological characterization of tautness of riemannian foliations
16:00 – 16:30	coffee break
16:30 – 17:00	Maciej Czarnecki Umbilical foliations of H^n
17:00 – 17:30	Szymon M. Walczak Metrics diffused along foliations of codimension one
17:30 – 18:00	Wojciech Kozłowski Geometry of vector bundles
18:00 – 18:30	Anna Kaźmierczak Drag minimization
18:30 – 19:00	Agnieszka Klekot On Weitzenböck formula for vector-valued forms

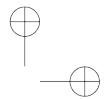




WEDNESDAY, 14.09

Diffeomorphisms & bundles	
8:30 – 9:00	Dragomir Ţořin TBA
9:00 – 9:30	Andrzej Biś Denjoy-Sacksteder theory for groups of diffeomorphisms
9:30 – 10:00	Mariusz Fyrdrych Application of elliptic curves





ERGODIC THEORY AND DYNAMICAL SYSTEMS

ROOM: A427

ORGANIZERS: J. ARONSON, M. LEMAŃCZYK

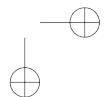
MONDAY, 12.09

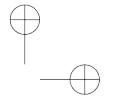
14:30 – 15:10	Benjamin Weiss Minimal models for free actions
15:20 – 16:00	Krzysztof Frączek Ergodic properties of translation flows on \mathbb{Z} -periodic translation surfaces
16:00 – 16:30	coffee break
16:30 – 17:10	Jon Aaronson Rational weak mixing in infinite measure spaces
17:20 – 18:00	Paweł Wilczyński Periodic solutions of Abel quaternionic ODEs

TUESDAY, 13.09

8:30 – 9:10	G. Levin TBA
9:20 – 10:00	Feliks Przytycki Geometric pressure for rational maps on \mathbb{C} and multimodal interval maps

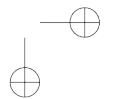
14:30 – 15:10	Anna Zdunik Invariant measures and dimensions for transcendental maps
15:20 – 16:00	Michał Rams Random affine IFS
15:30 – 16:00	coffee break
16:30 – 17:10	Jan Kwiatkowski Ordering on Bratteli diagrams and Vershik maps
17:20 – 18:00	Wojciech Bartoszek & Małgorzata Pułka On norm stable quadratic stochastic operators

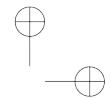




WEDNESDAY, 14.09

8:30 – 9:10	Omri Sarig Symbolic dynamics for surface diffeomorphisms
9:20 – 10:00	Grzegorz Świątek On Bethe's free energy function for Ising models





FUNCTIONAL DIFFERENTIAL EQUATIONS

ROOM: D101

ORGANIZERS: W. CZERNOUS, A. DOMOSHNTSKY, H. LESZCZYŃSKI, E. LITSYN

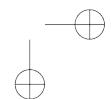
TUESDAY, 13.09

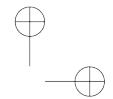
8:30 – 9:30	Alexander Domoshnitsky Maximum principles and stability of functional differential equations
9:30 – 10:00	Henryk Leszczyński The method of lines for functional differential equations in the Schauder Canonie form

14:00 – 15:00	Miroslaw Lachowicz On a system of partial integro--differential equations modelling cancer invasion
15:00 – 16:00	Antoni Leon Dawidowicz & Anna Poskrobko On some properties of first-order partial integro-differential equations
16:00 – 16:30	coffee break
16:30 – 17:00	Marek Bodnar & Monika Piotrowska & Urszula Foryś Stability switches and Hopf bifurcation for retardad ordinary differential equations
17:30 – 18:00	Adrian Karpowicz The existence of Caratheodory solutions of hyperbolic functional differential equations
18:00 – 18:30	Elżbieta Puźniakowska-Gałuch Implicit difference methods for nonlinear first order partial functional differential equations

WEDNESDAY, 14.09

8:30 – 9:00	Alexander Domoshnitsky & Ya. Goltser & Dan Ophir Investigating stability of integro-differential systems using numerical methods
9:00 – 9:30	Benzion Shklyar Exact null dimensional controllability of functional differential equations by smooth controls
9:30 – 10:00	Xuxin Yang Multiplicity of boundary value problems for impulsive differential equations





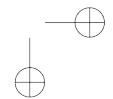
GAMES AND FINANCIAL MATHEMATICS

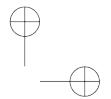
ROOM: A407

ORGANIZERS: Y. KIFER, K. SZAJOWSKI

MONDAY, 12.09

14:30 – 15:00	Yu. I. Kifer TBA
15:00 – 15:30	Elżbieta Z. Ferenstein & Anna Krasnosielska From multi-stopping time problem based on Elfving problem to Nash equilibrium in multi-person game with priorities
15:30 – 16:00	Łukasz Balbus Construction of Nash equilibria in stochastic games with convex transition probability
16:00 – 16:30	coffee break
16:30 – 17:00	Joanna Janczura Pricing derivatives in the electricity market
17:00 – 17:30	Krzysztof Szajowski Partial information stopping game on risk process





GEOMETRIC FUNCTION THEORY

Room: A225

ORGANIZERS: M. ELIN, S. KANAS

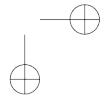
MONDAY, 12.09

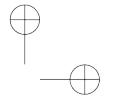
	Mark Elin
14:30 – 15:15	The Roper-Suffridge extension operator and its modifications are powerful tools to construct biholomorphic mappings with special geometric properties
15:20 – 16:00	David Bshouty TBA
16:00 – 16:30	coffee break
16:30 – 17:10	Stanisława Kanas & Toshiyuki Sugawa Sharp norm estimate of Schwarzian derivative for a class of convex functions
17:10 – 17:50	Piotr Liczberski On geometric characterization of strongly starlike mappings in C^n
17:50 – 18:30	Dariusz Partyka & Adam Lecko Holomorphic functions of starlike type

TUESDAY, 13.09

	Anatoly Golberg
8:30 – 9:15	Conformality and weak conformality at a point
9:20 – 10:00	David Shoiket TBA

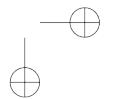
	Miodrag Mateljević
14:00 – 14:40	Quasiconformality of harmonic mappings between smooth Jordan domains
14:40 – 15:20	Maria Nowak & Miroslav Pavlović On the Libera operator
15:20 – 16:00	Antti Raisila Distortion, multiplicity and boundary behaviour results for harmonic and quasiregular mappings
16:00 – 16:30	coffee break
16:30 – 17:10	Natalie Zori Gauss variational problem for infinite dimensional vector measures
17:10 – 17:50	Santiago Díaz-Madrigal Functions in Loewner theory on the annulus
17:50 – 18:30	Maslina Darus & Imran Faisal Some results concerning the integral operator of analytic and multivalent functions

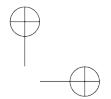




WEDNESDAY, 14.09

8:30 – 9:10	Miodrag Mateljevic Isoperimetric inequality and capacity; Thomson's theorem on equilibrium potential
9:10 – 10:00	Raimo Nekki TBA





GEOMETRIC TOPOLOGY

ROOM: A307

ORGANIZERS: J. DYDAK, M. LEVIN, S. NOWAK, S. SPIEŻ, H. TORUŃCZYK

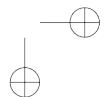
MONDAY, 12.09

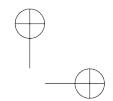
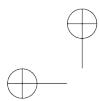
14:30 – 14:55	Vlasta Matijevic A covering map over a topological group which is not a covering homomorphism
15:00 – 15:25	Sergey Melikhov Uniform polyhedra and their applications
15:30 – 15:25	Andreas Zastrow Comparing various constructions of covering spaces
16:00 – 16:30	coffee break
16:30 – 16:55	Akira Koyama Note on acyclic resolutions and cohomological dimension
17:00 – 17:25	Yonatan Gutman The universal minimal space for homeomorphism groups of h-homogeneous spaces
17:30 – 17:55	Witold Rosicki On the uniqueness of the decomposition of manifolds, polyhedra and continua into cartesian products
18:00 – 18:25	Michael Levin Exotic maps and decompositions

TUESDAY, 13.09

8:30 – 9:10	José M.R. Sanjurjo On permanence and shape in Topological Dynamics
9:20 – 10:00	Danuta Kołodziejczyk Homotopy dominations by 2-dimensional polyhedra

14:30 – 14:55	Francisco R. Ruiz del Portal & E. Blanco Fixed point index in symmetric products and infinite symmetric products
15:00 – 15:25	Manuel Alonso Morón Reconstructing compacta from finite approximations
15:30 – 15:55	Wałeł Marzantowicz Equivariant Lusternik-Schnirelmann category of compact closed orientable surfaces
16:00 – 16:30	coffee break



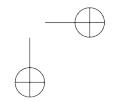
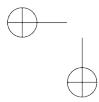


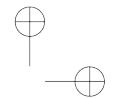
TUESDAY, 13.09

16:30 – 16:55	Jose Manuel Higes On two problems of spaces with infinite asymptotic dimension.
17:00 – 17:25	Bronisław Wajnryb Parabolic action on a proper CAT(0) cube complex
17:30 – 17:55	Andrzej Nagórko A new construction of universal spaces for asymptotic dimension
18:00 – 18:25	Jerzy Dydak & Atish Mitra Large scale absolute extensors

WEDNESDAY, 14.09

8:30 – 9:10	James Keesling A new approach to the Hilbert-Smith Conjecture
9:20 – 10:00	Greg Bell Coarse property C





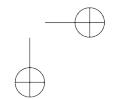
GEOMETRY OF PLANE CURVES

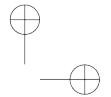
ROOM: D101

ORGANIZERS: T. DANA-PICARD, W. MOZGAWA

MONDAY, 12.09

14:30 – 15:00	Witold Mozgawa On rotation index of bar billiards and Poncelet's
15:00 – 15:30	Thierry Dana-Picard Paths of light trapped in various plane curves
15:30 – 16:00	Nurit Zehavi & Giora Mann & Thierry Dana-Picard Bisoptic curves of conics and toric intersections
16:00 – 16:30	coffee break
16:30 – 17:00	Dominik Szałkowski Singular points of isoptics of open rosettes
17:00 – 17:30	Magdalena Skrzypiec Crofton-type formulas for secantoptics of ovals





HOMOTOPY THEORY

ROOM: A428

ORGANIZERS: D. BLANC, M. GOLASIŃSKI

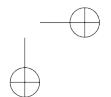
MONDAY, 12.09

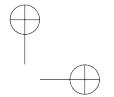
14:30 – 15:10	Stanisław Betley Spectra over an Eilenberg–MacLane Spectrum
15:20 – 16:00	Shoham Shamir Stratification of cochain algebras
16:00 – 16:30	coffee break
16:30 – 17:10	Krzysztof Pawałowski The Laitinen Conjecture for finite non-solvable groups
17:10 – 17:50	Haggai Tene Equivariant Poincaré duality and generalized Tate cohomology
17:50 – 18:30	Wacław Marzantowicz Homotopical theory of periodic points of periodic homeomorphisms on closed surfaces

TUESDAY, 13.09

8:30 – 9:10	Jan Kubarski Homotopy in the category of Lie algebroids and applications to characteristic classes
9:20 – 10:00	Nir Shvalb Generic singular configurations of linkages

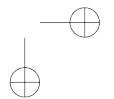
14:00 – 14:40	Piotr Krasoń On arithmetic in Mordell–Weil groups and K_0 of curves
14:40 – 15:20	Zbigniew Błaszczyk Properly discontinuous actions on homotopy surfaces
15:20 – 16:00	Marek Kaluba Group actions on disks with application to Symplectic Topology
16:00 – 16:30	coffee break
16:30 – 17:10	Boris Chorny A classification of small linear functors
17:20 – 18:00	Andrei Zastrow The second homology group of a Hawaiian wedge of tori





WEDNESDAY, 14.09

8:30 – 9:10	Andrzej Czarnecki Representable functors in differential topology
9:20 – 10:00	Dan Ophir Homotopic classes of paths: connecting two points in 2D discrete non-simple spaces



NILPOTENT APPROXIMATIONS IN THE GOURSAT MONSTER TOWER

ROOM: A430

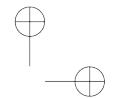
ORGANIZERS: P. MORMUL, , M. ZHITOMIRSKII

TUESDAY, 13.09

8:30 – 9:00	Piotr Mormul Moduli of Goursat distributions – are they quasi-homogeneous phenomena?
9:00 – 9:30	Michail Zhitomirskii Surprises in (2,3) Monster tower
9:30 – 10:00	discussions

WEDNESDAY, 14.09

8:30 – 9:00	Jiro Adachi Generalizations of the Gray theorem
9:00 – 9:30	Wojciech Domitrz & Żaneta Trębska On Lagrangian tangency orders of quasi-homogeneous curves
9:30 – 10:00	discussions



NONLINEAR ANALYSIS

Room: A329

ORGANIZERS: A. CEGIELSKI, J. JACHYMSKI, T. KUCZUMÓW, S. REICH

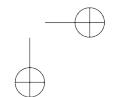
MONDAY, 12.09

14:30 – 15:15	Andrzej Nowakowski Solvability and stability of semilinear wave equation with nonlinear boundary conditions
15:15 – 16:00	Alexander Zaslavski Stability of a turnpike phenomenon for a discrete-time optimal control system
16:00 – 16:30	coffee break
16:30 – 17:10	Wojciech Kryszewski On a generalized Poincaré-Hopf formula in infinite dimensions
17:10 – 17:50	Itai Shafrir On the distance between homotopy classes of maps taking values in manifolds
17:50 – 18:30	Dorota Bors & Marek Majewski On Mayer problem for systems without linear-growth condition

TUESDAY, 13.09

8:30 – 9:00	Diethard Pallaschke Critical points for piecewise smooth functions
9:00 – 9:30	Kazimierz Goebel On Ulam's Question on retractions

14:00 – 14:40	Ronald Bruck Intersecting balls and complements of balls in Hilbert space
14:40 – 15:20	Kazimierz Włodarczyk Dynamic processes and approximating fixed points of contractive set-valued maps in generalized uniform spaces
15:20 – 16:00	Marek Galewski On a nonlinear elastic beam equation with dependence on a first order derivative and a functional parameter
16:00 – 16:30	coffee break

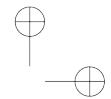


TUESDAY, 13.09

16:00 – 16:30	Henryk Hudzik Characteristic of monotonicity of Orlicz spaces and Orlicz-Lorentz function spaces
16:30 – 17:00	Dariusz Idczak & Andrzej Skowron & Stanisław Walczak On the diffeomorphisms between Banach and Hilbert spaces
17:00 – 17:30	Filip Strobin Generic and sigma-porous sets of generalized nonexpansive

WEDNESDAY, 14.09

8:30 – 9:00	Janusz Matkowski Iterations of the mean-type mappings
9:00 – 9:30	Aviv Gibali The Split Variational Inequality Problem
9:30 – 10:00	Andrzej Cegielski & Rafał Zalas Methods for variational inequality problem over the fixed point set of a quasi-nonexpansive operator



BANACH CENTER OPERATOR ALGEBRAS

ROOM: D203

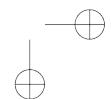
ORGANIZERS: A. SKALSKI, B. SOLEL

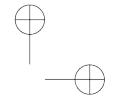
MONDAY, 12.09

14:30 – 15:00	Baruch Solel Non-commutative Hardy algebras
15:00 – 15:30	Marek Bożejko Generalized Gaussian processes, second quantization of Yang-Baxter type with applications to von Neumann algebras and free probability
15:30 – 16:00	Stanisław Goldstein Twisting non-commutative L_p -spaces
16:00 – 16:30	coffee break
16:30 – 17:00	Ilan Hirshberg TBA
17:00 – 17:30	Louis Labuschagne Multipliers on Orlicz spaces
17:30 – 18:00	Krzysztof Kaniowski & Katarzyna Lubnauer & Andrzej Łuczak Cloning and broadcasting in operator algebras

TUESDAY, 13.09

8:30 – 9:00	Adam Majewski On the structure od positive maps
9:00 – 9:30	Daniel Markiewicz E_0 -semigroups arising from boundary weight maps of range rank one
9:30 – 10:00	Piotr Niemiec Unitary equivalences and decompositions of finite systems of closed densely defined operators in Hilbert spaces

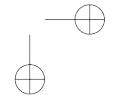


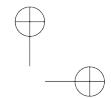


TUESDAY, 13.09

14:00 – 14:30	Piotr Sołtan An application of property (T) for discrete quantum groups
14:30 – 15:15	Franciszek Hugon Szafraniec Dilations as the reproducing kernel property
15:30 – 16:00	Stanisław Lech Woronowicz Semidirect product of quantum groups
16:00 – 16:30	coffee break
16:30 – 17:00	Adam Paszkiewicz & Andrzej Komisarski & Tomasz Sobieszek On concepts of information for quantum systems

With financial support of the Banach Center





REAL ANALYSIS

Room: A207

ORGANIZERS: A. OLEVSKII, R. PAWLAK, W. WILCZYŃSKI

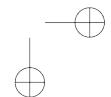
MONDAY, 12.09

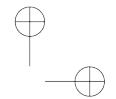
14:30 – 15:15	Władysław Wilczyński On density points
15:30 – 16:00	Ryszard Pawlak On almost fixed points of functions and local properties connected with discrete dynamical systems
16:00 – 16:30	coffee break
16:30 – 17:00	Marek Balcerzak Integral convergence theorems along ideals
17:00 – 17:30	Artur Bartoszewicz & Szymon Głab Strong algebrability of sequences and functions

TUESDAY, 13.09

8:30 – 9:00	Tomasz Natkaniec Entropy of almost continuous functions
9:00 – 9:30	Anna Bąkowska & Ryszard Pawlak On the transitivity and dense orbits for functions and multifunctions
9:30 – 10:00	Andrzej Kowalski The Stone representation of any atomic complete Boolean algebra is Marczewski-Burstin-representable

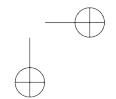
14:00 – 14:30	Jacek Hejduk On the abstract density topologies with respect to measure and category
14:45 – 15:15	Anna Loranty & Renata Wiertelak & Jacek Hejduk On functions continuous with respect to J-density topology
15:30 – 16:00	Gertruda Ivanowa & Elżbieta Wagner-Bojakowska On strengthening of Darboux property

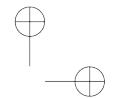




WEDNESDAY, 14.09

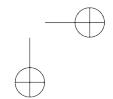
9:00 – 9:30	Władysław Wilczyński & Wojciech Wojdowski A category ψ - density topology
9:30 – 10:00	Andrzej Wrzesień On some invariant of two-paramatrical families of real functions

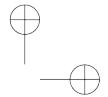




ROOMS

Plenary Lectures	Aula A Faculty of Management
Algebraic Differential Equations and Foliations	A429
Approximation and Complexity	A426
Arithmetic Algebraic Geometry	D103
Combinatorics	A227
Common Trends in Mathematics Education Research in Poland and Israel	D202
Complex Analysis and PDEs	D201
CAST Workshop on Contact and Symplectic Topology	Aula
Contemporary Geometry	A407
Ergodic Theory and Dynamical Systems	A427
Functional Differential Equations	D101
Games and Financial Mathematics	A407
Geometric Function Theory	A225
Geometric Topology	A307
Geometry of Plane Curves	D101
Homotopy Theory	A428
Nilpotent Approximations in the Goursat Monster Tower	A430
Nonlinear Analysis	A329
Banach Center section Operator Algebras	D203
Real Analysis	A207





LUNCHES & COFFEE BREAKS

Lunches are provided by the organizers after plenary lectures session in the main hall of the Faculty of Management of the University of Łódź (ul. Matejki 22/26). Lunch breaks are scheduled as follows:

Monday, 12.09: 13:00 – 14:30

Tuesday, 13.09: 12:30 – 14:00

Wednesday, 14.09: 12:30 – 14:00

Thursday, 15.09: 13:00 – 14:30

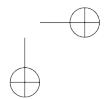
Coffee is served during morning coffee breaks in the main hall of the Faculty of Management, and during afternoon breaks in several places in the building of the Faculty of Mathematics and Computer Sciences (ul. Banacha 22). Coffee breaks are scheduled as follows:

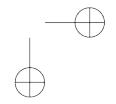
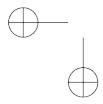
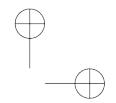
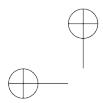
Monday, 12.09: 10:30 – 11:00 and 16:00 – 16:30

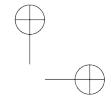
Tuesday, 13.09: 10:00 – 10:30 and 16:00 – 16:30

Wednesday, 14.09: 10:00 – 10:30

Thursday, 15.09: 10:30 – 11:00 and 16:30 – 17:00

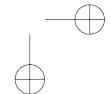


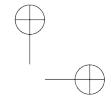




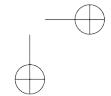
PARTICIPANTS

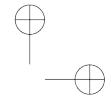
1. Aaronson Jon, Tel Aviv University, aaro@post.tau.ac.il
2. Abouzaid Mohammed, Clay Mathematics Institute & MIT, abouzaid@math.mit.edu
3. Abreu Miguel, Instituto Superior Técnico, mabreu@math.ist.utl.pt
4. Adachi Jiro, Hokkaido University, j-adachi@math.sci.hokudai.ac.jp
5. Alesker Semyon, Tel Aviv University, semyon@post.tau.ac.il
6. Alon Noga, Tel Aviv University, nogaa@tau.ac.il
7. Alonso Morón Manuel, Universidad Complutense de Madrid, ma_moron@mat.ucm.es
8. Augustynowicz Antoni, Uniwersytet Gdańskie, antek@mat.ug.edu.pl
9. Awuzie Christian Sunda, Calculux Laboratory, onethurd@yahoo.com
10. Ayalon Michal, Weizmann Institute of Science, michal.ayalon@weizmann.ac.il
11. Ayanwale Olabisi, Kharkov University, graceland58@yahoo.com
12. Ayoola Emmanuel, University of Ibadan, akinniyaiyoola@yahoo.com
13. Badura Marek, Uniwersytet Łódzki, marekbad@math.uni.lodz.pl
14. Bąk Łukasz, Uniwersytet Jagielloński, lukasz.bak@im.uj.edu.pl
15. Bąkowska Anna, Uniwersytet Łódzki, bakowska@math.uni.lodz.pl
16. Balbus Łukasz, Politechnika Wrocławskiego, lukasz.balbus@pwr.wroc.pl
17. Balcerzak Marek, Politechnika Łódzka, mbalce@p.lodz.pl
18. Banaszak Grzegorz, Uniwersytet Adama Mickiewicza, banaszak@amu.edu.pl
19. Barecka Agata, Uniwersytet Wrocławski, barecka@math.uni.wroc.pl
20. Barkai Ruthi, Tel Aviv University, ruthi11@netvision.net.il
21. Barletta Elisabetta, University of Basilicata, elisabetta.barletta@unibas.it
22. Bartoszek Wojciech, Politechnika Gdańskie, bartowk@mifgate.mif.pg.gda.pl
23. Bartoszek Adam, Uniwersytet Łódzki, mak@math.uni.lodz.pl
24. Bary-Soroker Lior, IEM Essen University and Tel Aviv University, barylitor@gmail.com
25. Batenkov Dmitry, Weizmann Institute of Science, dima.batenkov@weizmann.ac.il
26. Bell Gregory, UNCG, gcbell@uncg.edu
27. Berkovich Vladimir, Weizmann Institute of Science, vladimir.berkovich@weizmann.ac.il
28. Berman Robert, Chalmers University of Technology, robertb@chalmers.se
29. Betley Stanislaw, Uniwersytet Warszawski, betley@mimuw.edu.pl
30. Biś Andrzej, Uniwersytet Łódzki, andbis@math.uni.lodz.pl
31. Blanc David, University of Haifa, blanc@math.haifa.ac.il
32. Błaszczyk Zbigniew, Uniwersytet Mikołaja Kopernika, zibi@mat.uni.torun.pl
33. Błocki Zbigniew, Uniwersytet Jagielloński, zbigniew.blocki@im.uj.edu.pl
34. Bobienski Marcin, Uniwersytet Warszawski, mbobi@mimuw.edu.pl
35. Bocheński Maciej, Uniwersytet Warmińsko-Mazurski, hoh@poczta.onet.pl
36. Bodnar Marek, Uniwersytet Warszawski, mbodnar@mimuw.edu.pl
37. Bojanowska Agnieszka, Uniwersytet Warszawski, aboj@mimuw.edu.pl
38. Bożejko Marek, Uniwersytet Wrocławski, bozejko@math.uni.wroc.pl
39. Brudnyi Yuri, Technion, ybrudnyi@math.technion.ac.il
40. Bshouty Daoud, Technion, daoud@technion.ac.il
41. Budzyńska Monika, Uniwersytet Marii Curie-Skłodowskiej, monikab1@hektor.umcs.lublin.pl
42. Budzyński Tobiasz, Tobiasz.Budzynski@op.pl
43. Cegielski Andrzej, Uniwersytet Zielonogórski, a.cegielski@wmie.uz.zgora.pl



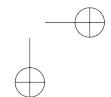


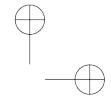
44. Chacholski Wojciech, KTH
45. Chorny Boris, Haifa University at Oranim, chorny@math.haifa.ac.il
46. Crespo Teresa, Universitat de Barcelona, teresa.crespo@ub.edu
47. Cukrowski Michał, Politechnika Warszawska, m.cukrowski@mini.pw.edu.pl
48. Czarnecki Maciej, Uniwersytet Łódzki, maczar@math.uni.lodz.pl
49. Czarnecki Andrzej, Uniwersytet Jagielloński, andrzejczarnecki01@gmail.com
50. Dąbrowski Andrzej, Uniwersytet Szczeciński, dabrowsk@wmf.univ.szczecin.pl
51. Dana-Picard Thierry, Jerusalem College of Technology, ndp@jct.ac.il
52. Darus Maslina, Universiti Kebangsaan Malaysia, maslina@ukm.my
53. Dawidowicz Antoni Leon, Uniwersytet Jagielloński, Antoni.Leon.Dawidowicz@im.uj.edu.pl
54. de Shalit Ehud, Hebrew University of Jerusalem, deshalit@math.huji.ac.il
55. Dekel Shai, GE Healthcare & Tel-Aviv University, shai.dekel@ge.com
56. Díaz-Madrigal Santiago, Universidad de Sevilla, madrigal@us.es
57. Diogo Luis, Stanford University, ldiogo@math.stanford.edu
58. Domitrz Wojciech, Politechnika Warszawska, W.Domitrz@mini.pw.edu.pl
59. Domoshnitsky Alexander, Ariel University Center, adom@ariel.ac.il
60. Dragomir Sorin, University of Basilicata, sorin.dragomir@unibas.it
61. Dryja Maksymilian, Uniwersytet Warszawski, druja@mimuw.edu.pl
62. Dudek Andrzej, Western Michigan University, andrzej.dudek@wmich.edu
63. Dydak Jerzy, University of Tennessee, jdydak@gmail.com
64. Dyn Nir, Tel-Aviv University, niradyn@post.tau.ac.il
65. Dziedziul Karol, Politechnika Gdańska, kdz@mif.pg.gda.pl
66. Edigarian Armen, Uniwersytet Jagielloński, armen.edigarian@uj.edu.pl
67. Elin Mark, ORT Braude College, mark_elin@braude.ac.il
68. Entov Michael, Technion, entov@math.technion.ac.il
69. Espina Jacqueline, Université Lyon 1, jacqui.espina@gmail.com
70. Evans Jonathan David, ETH, Zurich, evansj@math.ethz.ch
71. Falniowski Fryderyk, Uniwersytet Ekonomiczny w Krakowie, fryderyk.falniowski@uek.krakow.pl
72. Ferenstein Elzbieta, Politechnika Warszawska, efer@mini.pw.edu.pl
73. Frączek Krzysztof, Uniwersytet Mikołaja Kopernika, fraczek@mat.umk.pl
74. Frauenfelder Urs, Seoul National University, fraueng@snu.ac.kr
75. Frydrych Mariusz, Uniwersytet Łódzki, frydrych@math.uni.lodz.pl
76. Fukaya Kenji, Kyoto University, fukaya@math.kyoto-u.ac.jp
77. Gal Światosław, Uniwersytet Wrocławski, sgal@math.uni.wroc.pl
78. Galewski Marek, Politechnika Łódzka, marek.galewski@p.lodz.pl
79. Garncarek Łukasz, Uniwersytet Wrocławski, lukgar@gmail.com
80. Gavrilov Lubomir, Université de Toulouse, lubomir.gavrilov@math.univ-toulouse.fr
81. Gibali Aviv, Technion, aviv_gibali@yahoo.com
82. Glebov Roman, Freie Universität Berlin, glebov@math.fu-berlin.de
83. Goebel Kazimierz, Uniwersytet Marii Curie-Skłodowskiej, goebel@hektor.umcs.lublin.pl
84. Golasiński Marek, Uniwersytet Mikołaja Kopernika, marek@mat.uni.torun.pl
85. Golberg Anatoly, Holon Institute of Technology, golberga@hit.ac.il
86. Goldstein Stanislaw, Uniwersytet Łódzki, goldstei@math.uni.lodz.pl
87. Gordinowicz Przemysław, Politechnika Łódzka, Instytut Matematyki, pgordin@p.lodz.pl
88. Granas Andrzej, Université de Montreal, waragranas@hotmail.com



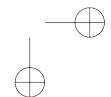


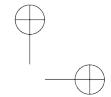
89. Gruszczyk-Kolczyńska Edyta, Akademia Pedagogiki Specjalnej, edyta.g.k@gmail.com
90. Grytczuk Jarosław, Uniwersytet Jagielloński, grytczuk@tcs.uj.edu.pl
91. Gulgowski Jacek, Uniwersytet Gdańskie, dzak@mat.ug.edu.pl
92. Gutman Yonatan, Université Paris-Est Marne-la-Vallée, yonatan.gutman@univ-mlv.fr
93. Głab Szymon, Politechnika Łódzka, szymon.glab@p.lodz.pl
94. Hajduk Bogusław, Uniwersytet Wrocławski, Boguslaw.Hajduk@math.uni.wroc.pl
95. Hajto Zbigniew, Uniwersytet Jagiellonski, hajto@tcs.uj.edu.pl
96. Heinrich Stefan, University of Kaiserslautern, heinrich@informatik.uni-kl.de
97. Hejduk Jacek, Uniwersytet Łódzki, hejduk@math.uni.lodz.pl
98. Higes Lopez Jose Manuel, Freie Universität Berlin, Josemhiges@yahoo.es
99. Hind Richard, University of Notre Dame, hind.1@nd.edu
100. Hinrichs Aicke, Jena University, a.hinrichs@uni-jena.de
101. Hirshberg Ilan, Ben Gurion University, ilan@math.bgu.ac.il
102. Hoel Håkon, Royal Institute of Technology, haakonah1@gmail.com
103. Hola Lubica, Slovak Academy of Sciences, hola@mat.savba.sk
104. Hudson Robin, University of Loughborough, r.hudson@lboro.ac.uk
105. Hudzik Henryk, Uniwersytet Adama Mickiewicza, hudzik@amu.edu.pl
106. Idczak Dariusz, Uniwersytet Łódzki, idczak@math.uni.lodz.pl
107. Ivanova Gertruda, Uniwersytet Łódzki, gertruda@math.uni.lodz.pl
108. Jachymski Jacek, Politechnika Łódzka, jacek.jachymski@p.lodz.pl
109. Jackowski Stefan, Uniwersytet Warszawski, sjack@mimuw.edu.pl
110. Jagoda Edyta, Private School No 1 Rzeszow, edyta.jagoda@wp.pl
111. James Abayomi Johnson, Bayelsa State Ministry of Environmental, iffac_2007@yahoo.com
112. Janas Jan, Instytut Matematyczny PAN, najan@cyf-kr.edu.pl
113. Janczura Joanna, Politechnika Wrocławska, joanna.janczura@pwr.wroc.pl
114. Janglajew Klara, Uniwersytet w Białymostku, klarajw@uwb.edu.pl
115. Jänichen Dominic, Universität zu Köln, jaenichd@uni-koeln.de
116. Jastrzębski Piotr, Uniwersytet Warmińsko-Mazurski, piojas@matman.uwm.edu.pl
117. Jaworska Krystyna, Wojskowa Akademia Techniczna & PTM, kjaworskaster@gmail.com
118. Jędrzejak Tomasz, Uniwersytet Szczeciński, tjedrzejak@gmail.com
119. Just Andrzej, Politechnika Łódzka, ajust@p.lodz.pl
120. Kaczor Wiesława, Uniwersytet Marii Curie-Skłodowskiej, wieslawa-kaczor@poczta.umcs.lublin.pl
121. Kaluba Marek, Uniwersytet Adama Mickiewicza, kalmar@amu.edu.pl
122. Kamont Anna, Instytut Matematyczny PAN, A.Kamont@impan.gda.pl
123. Kanas Stanisława, Politechnika Rzeszowska & UMCS, skanas@prz.edu.pl
124. Karoński Michał, UAM, karonski@amu.edu.pl
125. Karpowicz Adrian, Uniwersytet Gdańskie, Adrian.Karpowicz@mat.ug.edu.pl
126. Kaźmierczak Anna, Uniwersytet Łódzki, akaz@math.uni.lodz.pl
127. Kędra Jarosław, Aberdeen and Szczecin, kedra@abdn.ac.uk
128. Keesling James, University of Florida
129. Kehinde Husein Azeez, University of Ibadan, azeezhusein@yahoo.com
130. Kehinde Saheed Atanda, Bowen University, qenny22@yahoo.com
131. Klekot Agnieszka, Uniwersytet Łódzki, aklekot@math.uni.lodz.pl
132. Koichu Boris, Technion, bkoichu@technion.ac.il
133. Kosloff Zemer, Tel Aviv University, zemerkos@post.tau.ac.il
134. Kowalski Andrzej, Uniwersytet Łódzki, kowalski@math.uni.lodz.pl



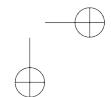


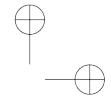
135. Koyama Akira, Waseda University, akoyama@waseda.jp
136. Kozma Gady, Weizmann Institute of Science, gadyk@wisdom.weizmann.ac.il
137. Kozłowski Wojciech, Uniwersytet Łódzki, wojciech@math.uni.lodz.pl
138. Kołodziej Sławomir, Uniwersytet Jagielloński, Slawomir.Koledziej@im.uj.edu.pl
139. Kołodziejczyk Danuta, Politechnika Warszawska, dkolodz@mimuw.edu.pl
140. Krasoń Piotr, Uniwersytet Szczeciński, krason@wmf.univ.szczecin.pl
141. Krivelevich Michael, Tel Aviv University, krivelev@post.tau.ac.il
142. Kryński Wojciech, Instytut Matematyczny PAN, krynski@mimuw.edu.pl
143. Kryszewski Wojciech, Uniwersytet Mikołaja Kopernika, wkrysz@mat.umk.pl
144. Kubarski Jan, Politechnika Łódzka, jan.kubarski@p.lodz.pl
145. Kuczumow Tadeusz, Uniwersytet Marii Curie-Skłodowskiej, tadek@hektor.umcs.lublin.pl
146. Kwapień Stanisław, Uniwersytet Warszawski, S.Kwapien@mimuw.edu.pl
147. Kwiatkowski Jan, Wyższa Szkoła Informatyki i Ekonomii, jkwiat@mat.uni.torun.pl
148. Labuschagne Louis, North-West University, louis.labuschagne@nwu.ac.za
149. Lachowicz Miroslaw, Uniwersytet Warszawski, Wydział MIM, lachowic@mimuw.edu.pl
150. Lalonde Francois, Université de Montréal, lalonde@dms.umontreal.ca
151. Lalonde Francois, Université de Montréal, lalonde@dms.umontreal.ca
152. Langevin Rémi, Université de Bourgogne, langevin@u-bourgogne.fr
153. Lecko Adam, Uniwersytet Warmińsko-Mazurski, alecko@matman.uwm.edu.pl
154. Legutko Maria, Uniwersytet Pedagogiczny w Krakowie, mlegutko@up.krakow.pl
155. Lemańczyk Mariusz, Uniwersytet Mikołaja Kopernika, mlem@mat.umk.pl
156. Leś Edyta, Uniwersytet Rzeszowski, eles@univ.rzeszow.pl
157. Leszczyński Henryk, Uniwersytet Gdańskiego, hleszcz@mat.ug.edu.pl
158. Levenson Esther, Tel Aviv University, levenso@post.tau.ac.il
159. Levin Genadi, Hebrew University of Jerusalem, levin@math.huji.ac.il
160. Levin David, Tel Aviv University, levin@tau.ac.il
161. Levin Michael, Ben-Gurion University, mlevine@math.bgu.ac.il
162. Liczberski Piotr, Politechnika Łódzka, piliczb@p.lodz.pl
163. Liflyand Elijah, Bar-Ilan University, liflyand@gmail.com
164. Lindenstrauss Elon, Hebrew University of Jerusalem, elon@math.huji.ac.il
165. Lipiński Jan, jslip@mat.ug.edu.pl
166. Loranty Anna, Uniwersytet Łódzki, loranta@math.uni.lodz.pl
167. Lubnauer Katarzyna, Uniwersytet Łódzki, lubnauer@math.uni.lodz.pl
168. Lubowiecki Paweł, Instytut Matematyczny PAN, lubowiec@mimuw.edu.pl
169. Lużyńczyk Magdalena, Uniwersytet Łódzki, luzynczyk@math.uni.lodz.pl
170. Łanucha Bartosz, Uniwersytet Marii Curie-Skłodowskiej, neo.xx@wp.pl
171. Łuczak Andrzej, Uniwersytet Łódzki, anluczak@math.uni.lodz.pl
172. Łuczak Tomasz, Uniwersytet Adama Mickiewicza, tomasz@amu.edu.pl
173. Maciejewski Andrzej, Uniwersytet Zielonogórski, andrzej.j.maciejewski@gmail.com
174. Majewski Wadysław Adam, Uniwersytet Gdańskiego, fizwam@univ.gda.pl
175. Majewski Marek, Uniwersytet Łódzki, marmaj@math.uni.lodz.pl
176. Mangoubi Dan, Hebrew University of Jerusalem, mangoubi@math.huji.ac.il
177. Mann Giora, Hebrew University of Jerusalem, gioramann@013.net.il
178. Marcinkowski Michał, Uniwersytet Wrocławski, michał.marcinkowski@math.uni.wroc.pl
179. Markiewicz Daniel, Ben-Gurion University of the Negev, danielm@math.bgu.ac.il
180. Marzantowicz Waclaw, marzan@amu.edu.pl



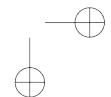


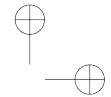
181. Matijević Vlasta, University of Split, vlasta@pmfst.hr
182. Melikhov Sergey, Steklov Mathematical Institute, melikhov@mi.ras.ru
183. Miernowski Andrzej, Uniwersytet Marii Curie-Skłodowskiej, miernowski@gmail.com
184. Mormul Piotr, Instytut Matematyczny PAN & Uniwersytet Warszawski, mormul@mimuw.edu.pl
185. Mozgawa Witold, Uniwersytet Marii Curie-Skłodowskiej, mozgawa@poczta.umcs.lublin.pl
186. Musielak Julian, Polskie Towarzystwo Matematyczne
187. Nagórko Andrzej, Uniwersytet Warszawski, amn@mimuw.edu.pl
188. Natkaniec Tomasz, Uniwersytet Gdańskiego, mattn@mat.ug.edu.pl
189. Nesetril Jaroslav, Charles University, nesetril@kam.mff.cuni.cz
190. Niederkrüger Klaus, Université de Toulouse III, niederkr@math.univ-toulouse.fr
191. Niemiec Piotr, Uniwersytet Jagielloński, piotr.niemiec@uj.edu.pl
192. Nishry Alon, Tel Aviv University, alonnish@post.tau.ac.il
193. Novak Erich, Jena University, erich.novak@uni-jena.de
194. Nowak Maria, Uniwersytet Marii Curie-Skłodowskiej, mt.nowak@poczta.umcs.lublin.pl
195. Nowak Sławomir, Uniwersytet Warszawski, snowak@mimuw.edu.pl
196. Nowakowski Andrzej, Uniwersytet Łódzki, annowako@math.uni.lodz.pl
197. Nowińska Edyta, Uniwersytet Adama Mickiewicza, nowinska@amu.edu.pl
198. Oladerin Azeez, Eldiry International For University Services, malik_aby@yahoo.com
199. Ono Kaoru, Hokkaido University, ono@math.sci.hokudai.ac.jp
200. Ophir Dan, Ariel University Center of Samaria, dano@ariel.ac.il
201. Opozda Barbara, Uniwersytet Jagielloński, Barbara.Opozda@im.uj.edu.pl
202. Ostrover Yaron, Tel-Aviv University, ostrover@post.tau.ac.il
203. Pallaschke Diethard, University of Karlsruhe, diethard.pallaschke@kit.edu
204. Pasquotto Federica, VU University Amsterdam, pasquott@few.vu.nl
205. Paszkiewicz Adam, Uniwersytet Łódzki, ktpis@math.uni.lodz.pl
206. Pawałowski Krzysztof, Uniwersytet Adama Mickiewicza, kpa@amu.edu.pl
207. Pawlak Ryszard, Uniwersytet Łódzki, r.pawlak@math.uni.lodz.pl
208. Pedroza Andrés, Universidad de Colima, andrespedroza1@gmail.com
209. Pietrzkowski Gabriel, Instytut Matematyczny PAN, g.pietrzkowski@impan.pl
210. Pietrzyk Barbara, PTM, b.pietrzyk8@chello.pl
211. Pinkus Allan, Technion, pinkus@technion.ac.il
212. Plaskota Leszek, Uniwersytet Warszawski, leszekp@mimuw.edu.pl
213. Przewocki Janusz, Polska Akademia Nauk, j.przewocki@gmail.com
214. Przybylska Maria, Uniwersytet Zielonogórski, M.Przybylska@proton.if.uz.zgora.pl
215. Przybyłowicz Paweł, Akademia Górnictwa i Hutniczo-Hutnicza, przybyl83@gmail.com
216. Przytycki Feliks, Instytut Matematyczny PAN, feliksp@impan.pl
217. Puśniakowska-Gałuch Elżbieta, Uniwersytet Gdańskiego, elzbieta.galuch@mat.ug.edu.pl
218. Pytlak Marta, Uniwersytet Rzeszowski, mpytlak@univ.rzeszow.pl
219. Rams Michał, Instytut Matematyczny PAN, rams@impan.pl
220. Rasila Antti, antti.rasila@iki.fi
221. Reich Simeon, Technion, sreich@tx.technion.ac.il
222. Rieser Antonio, Technion, tonyrieser@gmail.com
223. Rodriguez-Sanjurjo Jose M., Universidad Complutense de Madrid, jose_sanjurjo@mat.ucm.es
224. Rogowski Jacek, Politechnika Łódzka, jacekrog@p.lodz.pl
225. Rosicki Witold, Uniwersytet Gdańskiego, wrosicki@mat.ug.edu.pl
226. Rososzczuk Renata, Uniwersytet Marii Curie-Skłodowskiej, renata.rososzczuk@gmail.com





227. Rovenski Vladimir, University of Haifa, rovenski@math.haifa.ac.il
 228. Rowen Louis, Bar-Ilan University, rowen@math.biu.ac.il
 229. Rożek Bożena, Uniwersytet Pedagogiczny w Krakowie, brozek@up.krakow.pl
 230. Rubinstein Yanir, Stanford University, yanir@math.stanford.edu
 231. Ruciński Andrzej, Uniwersytet Adama Mickiewicza, rucinski@amu.edu.pl
 232. Ruiz del Portal Francisco R., Universidad Complutense de Madrid, R_Portal@mat.ucm.es
 233. Rychlik Zdzisław, Uniwersytet Marii Curie-Skłodowskiej, Rychlik@hektor.umcs.lublin.pl
 234. Ryż Alicja, PTM, b.pietrzyk8@chello.pl
 235. Samorodnitsky Alex, Hebrew University of Jerusalem, salex@cs.huji.ac.il
 236. Samotij Wojciech, Tel Aviv University, samotij@post.tau.ac.il
 237. Sandon Sheila, Laboratoire Jean Leray, sheila.sandon@univ-nantes.fr
 238. Sarig Omri, Weizmann Institute of Science, omsarig@gmail.com
 239. Saveljev Yakov, CRM Montreal, yasha.saveljev@gmail.com
 240. Saveljev Yasha, CRM Montreal, yasha.saveljev@gmail.com
 241. Schacht Mathias, Universität Hamburg, schacht@math.uni-hamburg.de
 242. Schinzel Andrzej, Instytut Matematyczny PAN, schinzel@impan.pl
 243. Schlank Tomer, Hebrew University of Jerusalem, tomer.schlank@gmail.com
 244. Sepe Daniele, University of Leicester, ds316@le.ac.uk
 245. Shafrir Itai, Technion, shafrir@math.technion.ac.il
 246. Shamir Shoham, University of Bergen, shoham.shamir@math.uib.no
 247. Shelukhin Egor, Tel Aviv University, egorshel@post.tau.ac.il
 248. Shklyar Benzion, Holon Institute of Technology, shk_b@hit.ac.il
 249. Shvalb Nir, Ariel University Center, nirsh@ariel.ac.il
 250. Skalski Adam, Instytut Matematyczny PAN, a.skalski@impan.pl
 251. Skowron Andrzej, Uniwersytet Łódzki, skowroa@math.uni.lodz.pl
 252. Skrzypiec Magdalena, Uniwersytet Marii Curie-Skłodowskiej, mskrzypiec@hektor.umcs.lublin.pl
 253. Smarzewski Ryszard, Katolicki Uniwersytet Lubelski Jana Pawła II, rsmax@kul.lublin.pl
 254. Smoktunowicz Agata, Instytut Matematyczny PAN & Univ. of Edinburgh, A.Smoktunowicz@ed.ac.uk
 255. Solel Baruch, Technion, mabaruch@tx.technion.ac.il
 256. Spacil Oldrich, University of Aberdeen, o.spacil@abdn.ac.uk
 257. Spaliński Jan, Politechnika Warszawska, jan.spalinski@gmail.com
 258. Spano Gilberto, Université de Nantes, Gilberto.Spano@univ-nantes.fr
 259. Spież Stanisław, Instytut Matematyczny PAN, spiez@impan.pl
 260. Stępnicki Robert, The John Paul II Catholic University of Lublin, roberts@enterpol.pl
 261. Strelcyn Jean-Marie, Université de Rouen, Jean-Marie.Strelcyn@univ-rouen.fr
 262. Strobin Filip, Politechnika Łódzka, filip.strobin@p.lodz.pl
 263. Stróżyna Ewa, Politechnika Warszawska, strozyna@mini.pw.edu.pl
 264. Swoboda Ewa, Uniwersytet Rzeszowski, eswoboda@univ.rzeszow.pl
 265. Szabo Tibor, Freie Universität Berlin, szabo@math.fu-berlin.de
 266. Szafraniec Franciszek Hugon, Uniwersytet Jagielloński, umszafra@cyf-kr.edu.pl
 267. Szajowski Krzysztof, Wrocław University of Technology, krzysztof.szajowski@pwr.wroc.pl
 268. Szałkowski Dominik, Uniwersytet Marii Curie-Skłodowskiej, dominik.szalkowski@umcs.lublin.pl
 269. Szczepkowska Anna, Uniwersytet Warmińsko-Mazurski, anna.szczebkowska@matman.uwm.edu.pl
 270. Szemering Maciej, Uniwersytet Łódzki, mszemering@wp.pl
 271. Świątek Grzegorz, Politechnika Warszawska, G.Swiatek@mini.pw.edu.pl
 272. Świrszcz Grzegorz, IBM Research, swirszcz@us.ibm.com





273. Tabach Michal, Tel Aviv University, Tabachm@post.tau.ac.il
 274. Tene Haggai, postdoc, tene@him.uni-bonn.de
 275. Tereszkiewicz Gabriela, Uniwersytet Warmińsko-Mazurski, gabi_t@o2.pl
 276. Tirosh Dina, Tel-Aviv University, Dina@post.tau.ac.il
 277. Toruńczyk Henryk, Uniwersytet Warszawski, torunczy@mimuw.edu.pl
 278. Tralle Aleksy, Uniwersytet Warmińsko-Mazurski, tralle@matman.uwm.edu.pl
 279. Turnau Stefan, Uniwersytet Rzeszowski, stefanturnau@gmail.com
 280. Uetake Yoichi, Uniwersytet Adama Mickiewicza, uetake@amu.edu.pl
 281. Ungeheuer Konrad, Uniwersytet Wrocławski, k_u@o2.pl
 282. Usher Michael, University of Georgia, usher@math.uga.edu
 283. Vitaly Maiorov, Technion, maiorov@tx.technion.ac.il
 284. Wajnryb Dov, Politechnika Rzeszowska, dwajnryb@prz.edu.pl
 285. Walczak Paweł, Uniwersytet Łódzki, pawelwal@math.uni.lodz.pl
 286. Walczak Rafat, Westpomeranian University of Technology, rwalczak@zut.edu.pl
 287. Walczak Stanisław, Uniwersytet Łódzki, stawal@math.uni.lodz.pl
 288. Walczak Szymon, Uniwersytet Łódzki, Szymon.Walczak@math.uni.lodz.pl
 289. Walczak Zofia, Uniwersytet Łódzki, zofiawal@math.uni.lodz.pl
 290. Wasilkowski Grzegorz, University of Kentucky, greg@cs.uky.edu
 291. Weber Joa, Bielefeld University, joa@math.uni-bielefeld.de
 292. Weiss Benjamin, Hebrew University of Jerusalem, weiss@math.huji.ac.il
 293. Welschinger Jean-Yves, CNRS - Université Lyon 1, welschinger@math.univ-lyon1.fr
 294. Wigman Igor, Cardiff University, wigmani@cardiff.ac.uk
 295. Wilczyński Paweł, Uniwersytet Jagielloński, pawel.wilczynski@yahoo.pl
 296. Wilczynski Władysław, Uniwersytet Łódzki, wwil@uni.lodz.pl
 297. Woike Artur, Uniwersytet Warmińsko-Mazurski, awoike@matman.uwm.edu.pl
 298. Wojdowski Wojciech, Technical University of Lodz, wojwoj@gmail.com
 299. Wojtkowski Maciej P., Uniwersytet Warmińsko-Mazurski, wojtkowski@hotmail.com
 300. Wolak Robert, Uniwersytet Jagielloński, robert.wolak@im.uj.edu.pl
 301. Woronowicz Stanisław Lech, Uniwersytet Warszawski, Stanislaw.woronowicz@fuw.edu.pl
 302. Woźniakowski Henryk, Columbia University & Uniwersytet Warszawski, henryk@cs.columbia.edu
 303. Wołoszkiewicz Magdalena, Uniwersytet Marii Curie-Skłodowskiej, woloszkiewicz@umcs.pl
 304. Wrzesień Andrzej, Politechnika Łódzka, andrzej.wrzesien@p.lodz.pl
 305. Włodarczyk Kazimierz, Uniwersytet Łódzki, wlkzxa@math.uni.lodz.pl
 306. Xu Hong-Kun, National Sun Yat-sen University, xuhk@math.nsysu.edu.tw
 307. Yang Xuxin, University of Helsinki, antti.rasila@iki.fi
 308. Yomdin Yosef, Weizmann Institute of Science, yosef.yomdin@weizmann.ac.il
 309. Zalcman Lawrence, Bar-Ilan University, zalcman@macs.biu.ac.il
 310. Zapolsky Frol, IHES, zapolsky@ihes.fr
 311. Zaślaski Alexander, Technion, ajzasl@tx.technion.ac.il
 312. Zastrow Andreas, Uniwersytet Gdańskiego, zastrow@mat.ug.edu.pl
 313. Zawadowski Wacław, Uniwersytet Przyrodniczo-Humanistyczny w Siedlcach, wacek@mimuw.edu.pl
 314. Zawadzki Tomasz, Uniwersytet Łódzki, zawadzki@math.uni.lodz.pl
 315. Zehavi Nurit, Weizmann Institute of Science, nurit.zehavi@weizmann.ac.il
 316. Zelditch Steve, Northwestern University, zelditch@math.northwestern.edu
 317. Zhitomirskii Michail, Technion, mzhi@techunix.technion.ac.il
 318. Żoładek Henryk, Uniwersytet Warszawski, zoladek@mimuw.edu.pl
 319. Zorii Natalia, National Academy of Sciences of Ukraine, natalia.zorii@gmail.com

