

List of talks

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NINTH WINTER SCHOOL ON ABSTRACT ANALYSIS (1981)

LIST OF TALKS

Section of analysis

- Behrends : Multipliers in complex Banach spaces
- Baillon : Asymptotic behavior of nonlinear Volterra equations
- Clausing : Suprema of concave functions
- Daneš : Local spectral theory and approximation of spectrum
- Dobrušin : Review of principles of multicomponent dynamics
- Drewnowski : A solution of a problem of de Wilde and Tsirl-nikov
- Figiel : Finite rank projections in Banach spaces
- Gawedzki : Hierarchical models
- Gawedzki : Review of lattice gauge theories
- Godefroy : Isometries theory of duality in Banach spaces
- Godini : On certain classes of normed linear spaces
- Goebel : On some problems in fixed point theory
- Grzaslewicz : Density theorems for measurable transformations
- Guerre : Stable Banach spaces
- Heinrich, Mankiewicz : On uniform and Lipschitz classifica-tion of Banach spaces
- Iwanik : On norm attaining operators acting on L_1 -spaces
- John : Tensor products and nuclearity
- Junek : Ideals in algebras of unbounded operators
- Kolomý : Geometry of Banach spaces and solvability of non-linear equations
- Kotecký : Gauge Potts model $n \rightarrow \infty$
- Kwapień : On different type of domination of measures
- Kwapień : On a Gluskin theorem answering a conjecture on Banach Mazur distance

- Le Van Hot : On operators which attain their norms
- Levy : Interpolation spaces
- Linde : Symetries of stable measures
- Lipecki : On some nonclosed subspaces 'of metric linear spaces
- Lotz : Some remark on measures on Boolean algebras and corresponding topological measures
- Magerl : Sets of mutually orthogonal measures are separated
- Müller : Non -removable ideals in commutative Banach algebras
- Nawrocki : On Mackey topology of nonlocally convex Orlicz spaces
- Nielsen : Tensor products of Banach lattices with application to the local structure of Banach lattices and spaces of absolutely summing operators
- Pach : On flatness and some ergodic superproperties of Banach spaces
- Pestmann : Martingalle convergence in locally convex spaces
- Pietsch : Which operators in Banach spaces have a trace
- Pirogov : Phase transitions in quantum systems
- Pirogov : Phase transitions in quantum lattice systems
- Preiss : Remarks to Dobrušin - Pečerski theorem
- Preiss : Sets of mutually orthogonal measures are not separated
- Schachermayer : Uniform measures
- Schütt : On symmetric bases in finite-dimensional Banach spaces
- Šlossmann :Phase transitions
- Talagrand : L^0 valued vector measures
- Talagrand : Some new results on Gauss measures
- Talagrand : Sets of mutually orthogonal measures are separated
- Tomaszewski : On orthogonal bases in L_1 spaces
- Winkler : The number of phases of Markov fields on the integers

Zahradník : Pirogov -Sinai method cluster expansion and continuous spin models

Zemánek : Geometric characteristics of operators and their spectral properties

Zizler : A renorming L_0

Section of topology

Balcar , Vojtáš , Simon : Almost disjoint families of countable sets

Balogh : Hereditary properties in topology

Bartík, Vanžura : Losik cohomologies and G-structures

Börger : Connectivity spaces

Brzuchowski, Cichon : Finite and infinite combinatorics of the real line

Buchdahl : Current twistor research in Oxford

Butkovičová, Bukovský : An ultrafilter with \aleph_0 predecessors in Rudin -Frolík order

Cichoń : On the existence of Szymanski matrices

Dittrich : Asymptotics of finite energy fields and topological charges

Friedrich : Yang -Mills equations and twistor program

Friedrich : Some spectral properties of Dirac equation

Galvin : About the proof of Van der Waerden permanent conjecture

Gavalec : Products of ideals of Borel sets

Galvin : On the Fréchet -Urysohn property in spaces of continuous functions

Greve : Tensor products coreflective categories in general convergence spaces

Grzegorek : On some Borel structures

Gutek , Frankiewicz : On partition of spaces into meager sets

Hajnal : On Ramsey-Turán numbers (for finite graphs)

Hajnal : On Pixley -Roy hyperspaces

- Blaveš : Nonstandard approach to Radon-Nykodym theorem for finitely additive measures
- Hrubý : Cauchy -Riemann equations in anticommuting variables
- Hrubý : On supersymmetric $O(3)$ - models and their equivalence with super Sine-Gordon model
- Janiš,Souček.J,Souček.V : Manifestly covariant formulation of quantum field theory
- Kolář : Prolongation functors in differential geometry
- Kowalski : Geometric problems characterized by infinite number of differential equations
- Krupka : Variation calculus in fibred manifolds
- Kůrková : Cardinal modifications of uniform spaces
- Lehel : A covering theorem for hypergraphs
- Lukierski : From Riemannian geometry to \mathcal{G} -models
- Lukierski : Two variants of supermechanics
- Lukierski : Supersymmetry as the last step in the unification of elementary interactions
- Markl : On a Fueter structure of quaternionic functions.
- Molino : Transversal G -structures and foliations
- Musiał : Convergent nets of measurable functions
- Novotný : On the inverse variational problem in the classical mechanics
- Odziejewicz : Multitwistor phase space
- Pelant : Uniformly continuous selections
- Phelps : Steiner -triple systems
- Phelps : Combinatorical survey : Wilson theorem
- Poljak : A construction of matching of subsets
- Pultr : Prohibiting repetitions makes playing games much harder
- Reczki : Some recent results in duality and planarity
- Reiterman , Rödl : On ultrafilters and atoms in the lattice of uniformities

- Rosický : Categories of models of $L_{K,X}(\mathcal{M})$
- Souček V. : Quaternion analysis and twistors
- Šiška : Generalized relays and related topological problems
- Tolar : Global properties of manifolds and quantization
- Turzík : Amalgamation of matroids along planes
- Tuza : \mathcal{G} -critical hypergraphs
- Vilímovský : In between theorems in uniform and topological spaces
- Vinárek : Isomorphisms of products of topological spaces
- Voight : Some applications and theorems about Hales-Jewel structures
- Weglorz : A remark on automorphisms and partitions