
List of Talks Sorted by the Last Name of Speakers

Pairwise Homogeneous Fuzzy Bitopological Spaces

Samer Al Ghour

Estimation and Convergence of a Moving Average

Badreddine Azzouzi

On the Geometric Invariants of Knots in the Solid Torus

Khaled Bataineh

Angular Momentum in Non-Orthogonal Axes

Danail Brezov, Clementina Mladenova and Ivailo Mladenov

Twistorial Structure of the Kerr-Schild Geometry From Black
Holes to Spinning Particles and Strings

Alexander Burinskii

Lie and Conditional Symmetries of Boundary Value Problems: Definitions, Algorithms and Applications to Physically Motivated Problems

Roman Cherniha

The Dust Shell in Nonsymmetric Gravity

Tomasz Dobrowolski

On Symmetry Reduction of Some $P(1,4)$ -invariant Differential Equations

Vasyl Fedorchuk

Riemann-Hilbert Problems and New Soliton Equations

Vladimir Gerdjikov

Two Ways to Describe Constraints Imposed on Homogeneously Deformable Bodies - poster

Barbara Golubowska

The Calculus of Variations in Problems with Free Boundary

Arezoo Hosseinpour

Visible Actions and Multiplicity-Free Representations - Lectures

Toshiyuki Kobayashi

Chern-Simons Pre-Quantization of the Moduli Space of Flat Connections Over Four-Manifolds

Tosiaki Kori

On New Ideas of Nonlinearity in Quantum Mechanics

Vasyl Kovalchuk

On Degeneracy Problems in Nonlinear Dynamics of Affinely-Rigid Bodies - poster

Agnieszka Martens

Classical Integrability of Two Dimensional Non Linear Sigma Models

Noureddine Mohammedi

Complex Generalized Killing Spinors on Riemannian Spin^c Manifolds

Roger Nakad

Applications of Lusternik-Schnirelmann Category and its Generalizations - Lectures

John Oprea

Cylindrical Shapes of Helfrich Spontaneous-Curvature Model

Vladimir Pulov

Higher Symmetries of the Conformal Laplacian

Fabian Radoux

Non-Relativistic Spin 1 Particle on the Monopole Background:
Exact Solutions in Coulomb and Oscillator Fields in Spaces
of Constant Curvature

Viktor Redkov

Quantization of Systems with Internal Degrees of Freedom
in Two-Dimensional Manifolds -poster

Ewa Eliza Rozko

Group-Theoretical Models of Internal and Collective Degrees
of Freedom. Bertrand Systems and Their Generalizations -
Lectures

Jan J. Slawianowski

Visible Actions on Generalized Flag Varieties and a Gener-
alization of the Cartan Decomposition

Yuichiro Tanaka

Geometric Models for Secondary Structures in Proteins

Magdalena Toda

Nodoid-Like Willmore Surfaces

Ivailo Mladenov

Recursion Systems and Recursion Operators for the Soliton Equations Related to Rational Linear Problem with Reductions

Alexandar Yanovski

Star Product and Star Functions

Akira Yoshioka

One Million Years Stability of the Solar System

Angel Zhivkov