

1. Record Nr.	UNINA9910822132303321
Titolo	Geometry and dynamics of groups and spaces : in memory of Alexander Reznikov // Mikhail Kapranov ... [et al.], editors
Pubbl/distr/stampa	Basel, : Boston, : Birkhauser, c2008
ISBN	1-281-34415-X 9786611344153 3-7643-8608-8
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (769 p.)
Collana	Progress in mathematics ; ; v. 265
Classificazione	31.55
Altri autori (Persone)	ReznikovAlexander <1960-2003.> KapranovM. M <1962-> (Mikhail M.)
Disciplina	516
Soggetti	Geometry Group theory Number theory Dynamics Functional analysis Topology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Most of the authors who contributed to this volume were invited speakers at the International Conference "Geometry and dynamics of groups and spaces : in memory of Alexander Reznikov" which was held at the Max Planck Institute for Mathematics (Bonn), Germany, in September 22-29, 2006."--preface.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Analytic Topology of Groups, Actions, Strings and Varieties -- Analytic Topology of Groups, Actions, Strings and Varieties -- Research Articles -- Jørgensen's Inequality for Non-Archimedean Metric Spaces -- The Hypoelliptic Dirac Operator -- Generalized Operads and Their Inner Cohomomorphisms -- Chern Character for Twisted Complexes -- (C, F)-Actions in Ergodic Theory -- Homomorphic Images of Branch Groups, and Serre's Property (FA) -- On Nori's Fundamental Group Scheme -- The Reidemeister Number of Any Automorphism of a Baumslag-Solitar Group is Infinite -- Pentagon Relation for the Quantum Dilogarithm and Quantized $M_{0,5}$ cyc -- Geodesic Flow on the Normal Congruence of a Minimal Surface -- The Chern Character of

a Parabolic Bundle, and a Parabolic Corollary of Reznikov's Theorem -- Kleinian Groups in Higher Dimensions --  $A$ -bimodules and Serre  $A$ -functors -- Geometrization of Probability -- Milnor Invariants and I-Class Groups -- Three Topological Properties of Small Eigenfunctions on Hyperbolic Surfaces -- Quantum  $p$ -adic Spaces and Quantum  $p$ -adic Groups -- Convolution Equations on Lattices: Periodic Solutions with Values in a Prime Characteristic Field.

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Sommario/riassunto

This book presents 18 articles by prominent mathematicians, dedicated to the memory of Alexander Reznikov (1960-2003), a brilliant highly original mathematician with broad mathematical interests. In addition it contains an influential, so far unpublished manuscript of Reznikov of book length. The research articles broadly reflect the range of Reznikov's own interests in geometry, group and number theory, functional analysis, dynamical systems and topology. In addition, there are surveys "Geometrization of probability," "Kleinian groups in higher dimensions," "( $C, F$ )-construction of funny

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