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Mathematics N4 Memorandum

**Pramod M. Achar, Dijana
Jakelić, Kailash C. Misra, Milen Yakimov**

Mathematics N4 Memorandum:

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Recent Advances in Representation Theory, Quantum Groups, Algebraic Geometry, and Related Topics Pramod M. Achar,Dijana Jakelić,Kailash C. Misra,Milen Yakimov,2014-08-27 This volume contains the proceedings of two AMS Special Sessions Geometric and Algebraic Aspects of Representation Theory and Quantum Groups and Noncommutative Algebraic Geometry held October 13 14 2012 at Tulane University New Orleans Louisiana Included in this volume are original research and some survey articles on various aspects of representations of algebras including Kac Moody algebras Lie superalgebras quantum groups toroidal algebras Leibniz algebras and their connections with other areas of mathematics and mathematical physics **Resources in Education** ,1993-04 **U.S. Government Research & Development**

Reports ,1971 **Geometric and Spectral Analysis** Pierre Albin,Dmitry Jakobson, Frédéric Rochon,2014-12-01 In 2012 the Centre de Recherches Mathématiques was at the center of many interesting developments in geometric and spectral analysis with a thematic program on Geometric Analysis and Spectral Theory followed by a thematic year on Moduli Spaces Extremality and Global Invariants This volume contains original contributions as well as useful survey articles of recent developments by participants from three of the workshops organized during these programs Geometry of Eigenvalues and Eigenfunctions held from June 4 8 2012 Manifolds of Metrics and Probabilistic Methods in Geometry and Analysis held from July 2 6 2012 and Spectral Invariants on Non compact and Singular Spaces held from July 23 27 2012 The topics covered in this volume include Fourier integral operators eigenfunctions probability and analysis on singular spaces complex geometry Kähler Einstein metrics analytic torsion and Strichartz estimates This book is co published with the Centre de Recherches Mathématiques Dehn Fillings of Knot Manifolds Containing Essential Twice-Punctured Tori Steven Boyer,Cameron McA. Gordon,Xingru Zhang,2024-04-17 View the abstract **Algebraic Groups: Structure and Actions** Mahir Bilen

Can,2017-04-06 This volume contains the proceedings of the 2015 Clifford Lectures on Algebraic Groups Structures and Actions held from March 2 5 2015 at Tulane University New Orleans Louisiana This volume consists of six articles on algebraic groups including an enhanced exposition of the classical results of Chevalley and Rosenlicht on the structure of algebraic groups an enhanced survey of the recently developed theory of pseudo reductive groups and an exposition of the

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