1. Record Nr. UNINA9910452472003321

Titolo	Molecular aspects of infectious disease [[electronic resource] /] / Mazen T. Saleh, editor
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2011
ISBN	1-61761-251-0
Descrizione fisica	1 online resource (214 p.)
Collana	Immunology and immune system disorders Nova biomedical
Altri autori (Persone)	SalehMazen T
Disciplina	616.9/0471
Soggetti	Molecular microbiology Communicable diseases - Molecular aspects Pathology, Molecular Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.

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Titolo	Developments and Retrospectives in Lie Theory : Algebraic Methods / / edited by Geoffrey Mason, Ivan Penkov, Joseph A. Wolf
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-09804-7
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (403 p.)
Collana	Developments in Mathematics, , 1389-2177 ; ; 38
Disciplina	510 512.55 512.7 512482 516.35
Soggetti	Topological groups Lie groups Geometry, Algebraic Number theory Topological Groups, Lie Groups Algebraic Geometry Number Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Group gradings on Lie algebras with applications to geometry. I (Y. Bahturin, M. Goze, E. Remm) -- Bounding the dimensions of rational cohomology groups (C.P. Bendel, B.D. Boe, C.M. Drupieski, D.K. Nakano, B.J. Parshall, C. Pillen, C.B. Wright) -- Representations of the general linear Lie superalgebra in the BGG Category {$\mathcal O$} (J. Brundan) -- Three results on representations of Mackey Lie algebras (A. Chirvasitu) -- Free field realizations of the Date–Jimbo–Kashiwara–Miwa algebra (B. Cox, V. Futorny, R.A. Martins) -- The deformation complex is a homotopy invariant of a homotopy algebra (V. Dolgushev, T. Willwacher) -- Invariants of Artinian Gorenstein algebras and isolated hypersurface singularities (M.G. Eastwood, A.V. Isaev) -- Generalized loop modules for affine Kac–Moody algebras (V. Futorny, I. Kashuba) --

Twisted localization of weight modules (D. Grantcharov) -- Dirac cohomology and generalization of classical branching rules (J.-S. Huang) -- Cleft extensions and quotients of twisted quantum doubles (G. Mason, S.-H. Ng) -- On the structure of ${\Bbb N}$-graded vertex operator algebras (G. Mason, G. Yamskulna) -- Variations on a Casselman–Osborne theme (D. Milii) -- Tensor representations of Mackey Lie algebras and their dense subalgebras (I. Penkov, V. Serganova) -- Algebraic methods in the theory of generalized Harish–Chandra modules (I. Penkov, G. Zuckerman) -- On exceptional vertex operator (super) algebras (M.P. Tuite, H.D. Van) -- The cubic, the quartic, and the exceptional group G_2 (A. van Groningen, J.F. Willenbring).

Sommario/riassunto

This volume reviews and updates a prominent series of workshops in representation/Lie theory, and reflects the widespread influence of those workshops in such areas as harmonic analysis, representation theory, differential geometry, algebraic geometry, and mathematical physics. Many of the contributors have had leading roles in both the classical and modern developments of Lie theory and its applications. This Work, entitled Developments and Retrospectives in Lie Theory, and comprising 26 articles, is organized in two volumes: Algebraic Methods and Geometric and Analytic Methods. This is the Algebraic Methods volume. The Lie Theory Workshop series, founded by Joe Wolf and Ivan Penkov and joined shortly thereafter by Geoff Mason, has been running for over two decades. Travel to the workshops has usually been supported by the NSF, and local universities have provided hospitality. The workshop talks have been seminal in describing new perspectives in the field covering broad areas of current research. Most of the workshops have taken place at leading public and private universities in California, though on occasion workshops have taken place in Oregon, Louisiana and Utah. Experts in representation theory/Lie theory from various parts of the Americas, Europe and Asia have given talks at these meetings. The workshop series is robust, and the meetings continue on a quarterly basis. Contributors to the Algebraic Methods volume: Y. Bahturin, C. P. Bendel, B.D. Boe, J. Brundan, A. Chirvasitu, B. Cox, V. Dolgushev, C.M. Drupieski, M.G. Eastwood, V. Futorny, D. Grantcharov, A. van Groningen, M. Goze, J.-S. Huang, A.V. Isaev, I. Kashuba, R.A. Martins, G. Mason, D. Milii, D.K., Nakano, S.-H. Ng, B.J. Parshall, I. Penkov, C. Pillen, E. Remm, V. Serganova, M.P. Tuite, H.D. Van, J.F. Willenbring, T. Willwacher, C.B. Wright, G. Yamskulna, G. Zuckerman.