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Titolo	Rings, modules, algebras and abelian groups // edited by Alberto Facchini, Evan Houston, Luigi Salce
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Descrizione fisica	1 online resource (525 p.)
Collana	Lecture notes in pure and applied mathematics ; ; volume 236
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Soggetti	Abelian groups Rings (Algebra) Modules (Algebra) Electronic books.
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Nota di contenuto	Preface; Contents; Participants to the Conference; Contributors; Additive Galois Theory of Modules; Finitely Generated and Cogenerated QD Groups; Direct Limits of Modules of Finite Projective Dimension; Classification of a Class of Almost Completely Decomposable Groups; A Polynomial Ring Sampler; The Picard Group of the Ring of Integer-valued Polynomials on a Valuation Domain; A Note on Cotilting Modules and Generalized Morita Duality; Dualities Induced by Cotilting Bimodules; Symmetries and Asymmetries for Cotilting Bimodules A Constructive Solution to the Base Change Decomposition Problem in B(1)-groups On a Property of the Adele Ring of the Rationals; On Strong Going-between, Going-down, and Their Universalizations; Factorization of Divisorial Ideals in a Generalized Krull Domain; Divisorial Multiplication Rings; Global Deformations of Lie Algebras; Maximal Prime Divisors in Arithmetical Rings; On Strongly Flat Modules over Matlis Domains; Group Identities on Unit Groups of Group Algebras; Forty Years of Commutative Ring Theory; Modules Induced from a Normal Subgroup of Prime Index Uniquely Transitive Torsion-free Abelian Groups Generalized E-Rings; Butler Modules and Bext; Remarks on the Multiplicative Structure of

Certain One-dimensional Integral Domains; Non-finitely Generated Prime Ideals in Subrings of Power Series Rings; Rings with Finitely Many Orbits under the Regular Action; Projective Covers and Injective Hulls in Abelian Length Categories; Semigroup Rings that are Inside Factorial and their Cale Representation; Reduced Modules; The Mori Property in Rings with Zero Divisors; Minimal Prime Ideals and Generalizations of Factorial Domains

Factorizations of Monic Polynomials Monotone Complete Ordered Fields, Generalized Power Series, and Integer Parts; On Distance between Finite Rings; Affine Pairs; When a Super-decomposable Pure-injective Module over a Serial Ring Exists; Path Coalgebras of Quivers with Relations and a Tame-wild Dichotomy Problem for Coalgebras; On Central Galois Algebras of a Galois Algebra

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## Sommario/riassunto

Surveying the most influential developments in the field, this reference reviews the latest research on Abelian groups, algebras and their representations, commutative rings, module and ring theory, and topological algebraic structures-providing more than 600 current references and 570 display equations for further exploration of the topic.

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