

1. Record Nr.	UNINA9910480300803321
Titolo	New trends in noncommutative algebra : conference in honor of Ken Goodearl's 65th birthday, August 9-14, 2010, University of Washington, Seattle, Washington / / P. Ara [and five others], editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2012] ©2012
ISBN	0-8218-8497-2
Descrizione fisica	1 online resource (326 p.)
Collana	Contemporary mathematics ; ; volume 562
Disciplina	512/.46
Soggetti	Noncommutative algebras 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.
Nota di contenuto	""Preface""; ""Ken Goodearl's contributions to ring theory""; ""1. C*-algebras and von Neumann regular rings""; ""2. Differential operator rings.""; ""3. Skew and $\mathbb{A}^1$-skew polynomial rings. Quantum coordinate rings.""; ""4. Stratification.""; ""5. H-prime ideals, totally nonnegative grassmanians, and symplectic leaves in matrix Poisson varieties.""; ""6. Homological aspects of quantum groups and noetherian Hopf algebras.""; ""7. Gems off the path.""; ""8. Expository works.""; ""Bibliography""; ""Row-finite equivalents exist only for row-countable graphs""; ""References"" ""The controller subgroup of one-sided ideals in completed group rings""""1. Introduction""; ""2. The controller subgroup for profinite groups""; ""3. Compact $\mathbb{A}^1$-adic analytic groups""; ""References""; ""Enumeration of torus-invariant strata with respect to dimension in the big cell of the quantum minuscule Grassmannian of type A_n""; ""1. Introduction""; ""2. Cauchon diagrams and Permutations in type A_n""; ""3. Enumeration of $\mathbb{A}^1$-strata with respect to dimension""; ""4. The proportion of primitive $\mathbb{A}^1$-primes""; ""References"" ""Primitive algebraic algebras of polynomially bounded growth""""1. Introduction""; ""2. Gelfand-Kirillov dimension""; ""3. Affinization""; ""4. Algebraic algebras""; ""5. Affinization with two generators""; ""6. Questions""; ""Acknowledgments""; ""References""; ""Conic bundles and

Clifford algebras""; ""1. Introduction""; ""2. Quadratic Forms over
Schemes and Associated Conic Bundles""; ""3. Even Clifford Algebras"";
""4. Quaternion Algebras""; ""5. Brauer-Severi Varieties of Even Clifford
Algebras""; ""6. Quaternion algebras of conic bundles""; ""7. Chern
classes and $-A^3$ ""

""8. Del Pezzo Orders and Conic Bundles""""References""; ""Cell modules
and canonical basic sets for Hecke algebras from Cherednik algebras"";

""1. Introduction""; ""2. Hecke and Cherednik algebras""; ""3. Category
and basic sets""; ""4. Forms and Standard Modules""; ""5. Type $(a??,1,$
 $)$ ""; ""References""; ""On representations of Clifford algebras of Ternary
cubic forms""; ""1. Introduction""; ""2. Generalities on Representations
of Generalized Clifford Algebras and Ulrich Bundles""; ""3. The Case of
Ternary Cubic Forms""; ""References""; ""Certain subgroups of Weyl
groups are split""

""1. Introduction""""2. Symmetric groups""; ""3. Direct products""; ""4.
Wreath products""; ""5. Division algebras""; ""6. Schur indices""; ""7.
Classical Weyl groups""; ""8. Exceptional Weyl groups""; ""9. Positive
characteristic""; ""10. Real reflection groups""; ""11. Open questions"";
""References""; ""Primitive ideals in quantum $a??$ and $a??$ ""; ""0.
Introduction""; ""1. Background and notation""; ""2. Torus-invariant
prime ideals""; ""3. Localizations""; ""4. Centers of localizations""; ""5.
Primitive ideals""; ""6. General consequences""; ""7. Appendix.
Homological conditions""

""References""
