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Titolo	Commutative algebra and its applications [[electronic resource]] : proceedings of the fifth International Fez Conference on Commutative Algebra and Applications, Fez, Morocco, June 23-28, 2008 // editors, Marco Fontana ... [et al]
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Descrizione fisica	1 online resource (394 p.)
Collana	De Gruyter Proceedings in Mathematics
Classificazione	SK 200
Altri autori (Persone)	FontanaMarco <1947->
Disciplina	512
Soggetti	Commutative algebra Algebra
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	Frontmatter -- Table of contents -- Splitting sets and weakly Matlis domains -- Divisibility properties in ultrapowers of commutative rings -- On rings with divided nil ideal: a survey -- Prüfer-like conditions in pullbacks -- On propinquity of numerical semigroups and one-dimensional local Cohen Macaulay rings -- n-perfectness in pullbacks -- On flatness of factor rings and Krull dimension of tensor products -- Bouvier's conjecture -- Elastic properties of some semirings defined by positive systems -- Integer-valued polynomial in valued fields with an application to discrete dynamical systems -- Almost clean rings and arithmetical rings -- Amalgamated algebras along an ideal -- A sheaf-theoretic bound on the cardinality of a finite ring -- Straight rings, II -- On TV-domains -- Integral basis of cubic number fields -- Some new approaches to integer-valued polynomial rings -- v-ordering sequences and countable sets -- Mixed invertibility and Prüfer-like monoids and domains -- Chain conditions in rings of the form $A + XB[X]$ and $A + XI[X]$ -- On (n, d) -perfect rings -- t-class semigroups of Noetherian domains -- Gorenstein dimensions in trivial ring extensions -- Note on Prüfer *-multiplication domains and class groups --

Schubert varieties with inequidimensional singular locus -- On Matlis domains and Prüfer sections of Noetherian domains -- Transfinite self-idealization and commutative rings of triangular matrices -- Bass numbers and semidualizing complexes -- Every numerical semigroup is one over d of infinitely many symmetric numerical semigroups

Sommario/riassunto

This volume contains selected refereed papers based on lectures presented at the 'Fifth International Fez Conference on Commutative Algebra and Applications' that was held in Fez, Morocco in June 2008. The volume represents new trends and areas of classical research within the field, with contributions from many different countries. In addition, the volume has as a special focus the research and influence of Alain Bouvier on commutative algebra over the past thirty years.
