

1. Record Nr.	UNINA9910480602303321
Titolo	Algebraists' homage : papers in ring theory and related topics
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [1982] ©1982
ISBN	0-8218-7599-X 0-8218-5374-0
Descrizione fisica	1 online resource (420 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; volume 13
Disciplina	512.4
Soggetti	Associative rings Nonassociative rings Associative algebras Nonassociative algebras Galois theory Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Proceedings of the Conference on Algebra in honor of Nathan Jacobson, held in New Haven, Connecticut, June 2-5, 1981, edited by S. A. Amitsur, D.J. Saltman, and G.B. Seligman"--Verso of title page.
Nota di bibliografia	Includes bibliographies.
Nota di contenuto	""Contents""; ""Introduction""; ""Surveys:""; ""Division algebras, a survey""; ""Representation theory of finite dimensional algebras""; ""The polynomial identities of matrices""; ""0. Introduction""; ""1. T-ideals""; ""2. Central polynomials""; ""3. Representation theory of the symmetric group and general linear group""; ""4. Trace identities""; ""5. Codimensions and cocharacters""; ""6. The ring of generic matrices""; ""7. Example: The ring of 2 x 2 generic matrices""; ""The order of a finite group of Lie type""; ""Restricted Lie algebras (and beyond)""; ""Addresses:"" ""Determinants on free fields""; ""Weak cohomology""; ""Papers in Ring Theory:""; ""Applications of the classification of finite simple groups to Brauer groups""; ""Generic structures and field theory""; ""Balanced spaces of forms and skew cyclic transformations""; ""Rings with bounded index of nilpotence""; ""On the Jacobson density theorem""; ""Derivations of prime rings having power-central values""; ""Lie and

"Jordan mappings"'; "'Some properties of rings reflected in endomorphism rings of free modules'"

"On the Galois theory of commutative rings I: Dedekind's theorem on the independence of automorphisms revisited"'; "'On the deformation of diagrams of algebras"'; "'On the Gelfand-Kirillov dimensions of noetherian PI-algebras"'; "'A simple proof of Kostant's theorem, and an analogue for the symplectic involution"'; "'Affine rings satisfying a polynomial identity"'; "'Algebraic structure of power series rings"'; "'Linkage and the symmetric algebra of ideals"'; "'Polynomial constraints in lattice-ordered rings"'; "'Lie, Jordan and Nonassociative Systems:'''

"Reality properties of conjugacy classes in spin groups and symplectic groups"'; "'Variations on even Clifford algebras"'; "'On the determination of rank one Lie algebras of prime characteristic"'; "'Restricted simple Lie algebras of rank 2 or of toral rank 2"'; "'Restricted simple Lie algebras with toral Cartan subalgebras"'; "'Composition triples"'; "'Triple products, modular forms and harmonic volumes"'; "'Bivariants of ternary rings"'; "'Separable alternative algebras over commutative rings"'; "'Exceptional Jordan division algebras"'; "'An apology for Jordan algebras in quantum theory'''

"Identities of non-associative algebras studied by computer"'; "'Galois Theory and Other Topics:'''"; "'On regularly closed fields"'; "'Some geometric applications of a differential equation in characteristic $p > 0$ to the theory of algebraic surfaces"'; "'On the inverse problem in difference Galois theory"'; "'Quadratic Hopf algebras and Galois extensions"'; "'The left antipodes of a left Hopf algebra"'; "'Similarity of nilpotent integer matrices, or, four elementary categories"'; "'Normal antilinear operators on a Hilbert space"'; "'Why commutative diagrams coincide with equivalent proofs'''

"Axiomatic game theory"
