1.	Record Nr.	UNINA9910969528703321
	Titolo	Models, modules and Abelian groups : in memory of A.L.S. Corner / / editors, Rudiger Gobel, Brendan Goldsmith
	Pubbl/distr/stampa	Berlin, : New York, : Walter de Gruyter, c2008
	ISBN	9786611993467 9781281993465 1281993468 9783110203035 3110203030
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (508 p.)
	Altri autori (Persone)	CornerA. L. S <1934-2006.> (Anthony Leonard Southern) GobelR <1940-> (Rudiger) GoldsmithBrendan
	Disciplina	510
	Soggetti	Modules (Algebra) Abelian groups Model theory Endomorphism rings
	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 -- Contents -- Anthony Leonard Southern Corner 1934-2006 -- Groups of units of orders in Q-algebras -- Basic subgroups and freeness, a counterexample -- An extension of Butler's theorem on endomorphism rings -- Locally free abelian groups of finite rank -- Decompositions of global crq-groups -- Endomorphisms and automorphisms of squares of abelian groups -- Classification of a class of finite rank Butler groups -- Quotient divisible and almost completely decomposable groups -- Pure subgroups of completely decomposable groups - an algorithmic approach -- Strong subgroup chains and the Baer-Specker group -- On direct decompositions of Butler B(2)-groups -- Diagonal equivalence of matrices -- Root bases of polynomials over integral domains -- A solution to a problem on lattice isomorphic Abelian groups -- A note on Axiom 3 and its dual for abelian groups --

Units of modular p-mixed abelian group algebras -- Pure covers in abelian p-groups -- Partially decomposable primary Abelian groups and the generalized core class property -- The additive group of a finite local ring in which each ideal can be n-generated -- A Jacobson radical isomorphism theorem for torsion-free modules -- Anti-isomorphisms and the failure of duality -- Automorphism groups of models of first order theories -- The classification problem for finite rank Butler groups -- L-groups -- Co-local subgroups of nilpotent groups of class 2 -- Divisible envelopes and cotorsion pairs over integral domains -- The first Brauer-Thrall conjecture -- A version of the Baer splitting problem for noetherian rings -- Characterizations and constructions of h-local domains -- Variations on Whitehead's problem and the structure of Ext -- The lattice of torsionfree precover classes -- Non-singular rings of injective dimension 1 -- On classes defining a homological dimension -- Truncated path algebras are homologically transparent -- Representations of the category of serial modules of finite Goldie dimension -- Commutativity modulo small endomorphisms and endomorphisms of zero algebraic entropy

| Sommario/riassunto | This is a memorial volume dedicated to A. L. S. Corner, previously Professor in Oxford, who published important results on algebra, especially on the connections of modules with endomorphism algebras. The volume contains refereed contributions which are related to the work of Corner.It contains also an unpublished extended paper of Corner himself. A memorial volume with important contributions related to algebra. |