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Descrizione fisica	1 online resource (250 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 243
Disciplina	512
Soggetti	Algebra K-theory Group theory Mathematics - Study and teaching
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents -- Preface -- Program talks -- On the occasion of the 65th birthday of Hyman Bass -- A professional autobiography -- Crossing boundaries to examine the mathematics entailed in elementary teaching -- Bass's work on the Jacobian conjecture -- Torsion in genus class groups -- Hyman Bass and ubiquity: Gorenstein rings -- Introduction -- Plane Curves -- Commutative Algebra circa 1960 -- Gorenstein Rings -- Examples and Low Codimension -- Injective Modules and Matlis Duality -- Ubiquity -- Homological Themes -- Inverse Powers and O-dimensional Gorenstein Rings -- Hilbert Functions -- Invariants and Gorenstein Rings -- Ubiquity and Module Theory -- Bibliography -- A salute to Euler and Dickson on the occasion of Hy's 65th birthday -- Bass's work in ring theory and projective modules -- A0. Introduction -- Part I: Projective (and Torsionfree) Modules -- 1. Big Projectives -- 2. Stable Structure of Projective Modules -- 3. Work Related to Serre's Conjecture -- 4. Rings with Binary Generated Ideals: Bass Rings -- Part II: Ring Theory -- 5. Semiperfect Rings as Generalizations of Semiprimary Rings -- 6. Perfect Rings and Restricted DCC -- 7. Perfect Rings and

Representation Theory -- 8. Stable Range of Rings -- 9. Rings of Stable Range One -- References -- One for almost all: generation of $SL(n,p)$ by subsets of $SL(n, Z)$ -- Deformations of representations -- Trees, lattices and commensurators -- A survey of obstruction theory for projective modules of top rank -- The congruence subgroup problem -- Three-manifold topology and the tree for PSL_2 : the Smith conjecture and beyond -- The development of algebraic K-theory before 1980.
