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	Autore	Mumford David <1937->
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	Nota di contenuto	Varieties -- Preschemes -- Local properties of schemes -- References -- Appendix: Curves and their Jacobians -- Survey of work on the Schottky problem up to 1996 (by Enrico Arbarello) -- References -- Guide to the Literature and References (Curves and Their Jacobians) -- Supplementary Bibliography on the Schottky Problem.
	Sommario/riassunto	Mumford's famous Red Book gives a simple readable account of the basic objects of algebraic geometry, preserving as much as possible their geometric flavor and integrating this with the tools of commutative algebra. It is aimed at graduate students or mathematicians in other fields wishing to learn quickly what algebraic geometry is all about. This new edition also includes an overview of the theory of curves, their moduli spaces and their Jacobians, one of the most exciting fields within algebraic geometry. The book is aimed at graduate students and professors seeking to learn i) the concept of "scheme" as part of their study of algebraic geometry and ii) an overview of moduli problems for curves and of the use of theta functions to study these.