

1. Record Nr.	UNINA9910784711803321
Autore	Liu Qing <1963->
Titolo	Algebraic geometry and arithmetic curves [[electronic resource] /] / Qing Liu ; translated by Reinie Erne
Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, 2006
ISBN	1-383-02049-3 0-19-850284-2 1-281-34139-8 0-19-154780-8
Descrizione fisica	1 online resource (594 p.)
Collana	Oxford science publications Oxford graduate texts in mathematics ; ; 6
Disciplina	516.3 516.3/52 516.352
Soggetti	Curves, Algebraic Arithmetical algebraic geometry
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 (p. [557]-561) and index.
Nota di contenuto	Contents; 1 Some topics in commutative algebra; 2 General properties of schemes; 3 Morphisms and base change; 4 Some local properties; 5 Coherent sheaves and Čech cohomology; 6 Sheaves of differentials; 7 Divisors and applications to curves; 8 Birational geometry of surfaces; 9 Regular surfaces; 10 Reduction of algebraic curves; Bibliography; Index
Sommario/riassunto	This new-in-paperback edition provides an introduction to algebraic and arithmetic geometry, starting with the theory of schemes, followed by applications to arithmetic surfaces and to the theory of reduction of algebraic curves. Clear explanations of both theory and applications, and almost 600 exercises are included in the text. - ;This new-in-paperback edition provides a general introduction to algebraic and arithmetic geometry, starting with the theory of schemes, followed by applications to arithmetic surfaces and to the theory of reduction of algebraic curves. The first part introduces b