

1. Record Nr.	UNINA9910956241203321
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Titolo	Algebraic geometry and arithmetic curves // Qing Liu ; translated by Reinie Erne
Pubbl/distr/stampa	Oxford : , : Oxford University Press, , 2023
ISBN	1-383-02049-3 0-19-850284-2 1-281-34139-8 0-19-154780-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (594 p.)
Collana	Oxford graduate texts in mathematics ; ; 6 Oxford scholarship online
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	Includes index. Translated from the French Previously issued in print: 2002.
Nota di bibliografia	Includes bibliographical references 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 work offers a general introduction to the theory of schemes, followed by applications to arithmetic surfaces and to the theory of reduction of algebraic curves.