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Titolo	Algebraic geometry and arithmetic curves / / Qing Liu ; translated by Reinie Erne [[electronic resource]]
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Descrizione fisica	1 online resource (594 p.)
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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 Cech 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.