

1. Record Nr.	UNINA9910482971803321
Autore	Colliot-Thelene J.-L (Jean-Louis)
Titolo	Arithmetic geometry : lectures given at the C.I.M.E. Summer School held in Cetraro, Italy, September 10-15, 2007 // Jean-Louis Colliot-Thelene, Peter Swinnerton-Dyer, Paul Vojta ; editors, Pietro Corvaja, Carlo Gasbarri
Pubbl/distr/stampa	Berlin ; ; New York, : Springer, 2011
ISBN	9783642159459 3642159451
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XI, 232 p.)
Collana	Lecture notes in mathematics, , 0075-8434 ; ; 2009
Classificazione	11G3511G2511D4514G0514G1014G4014M22
Altri autori (Persone)	Swinnerton-DyerH. P. F VojtaPaul CorvajaPietro GasbarriCarlo
Disciplina	516.35
Soggetti	Arithmetical algebraic geometry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Variétés presque rationnelles, leurs points rationnels et leurs dégénérescences -- Topics in Diophantine Equations -- Diophantine Approximation and Nevanlinna Theory.
Sommario/riassunto	Arithmetic Geometry can be defined as the part of Algebraic Geometry connected with the study of algebraic varieties over arbitrary rings, in particular over non-algebraically closed fields. It lies at the intersection between classical algebraic geometry and number theory. A C.I.M.E. Summer School devoted to arithmetic geometry was held in Cetraro, Italy in September 2007, and presented some of the most interesting new developments in arithmetic geometry. This book collects the lecture notes which were written up by the speakers. The main topics concern diophantine equations, local-global principles, diophantine approximation and its relations to Nevanlinna theory, and rationally connected varieties. The book is divided into three parts, corresponding to the courses given by J-L Colliot-Thélène Peter Swinnerton Dyer and Paul Vojta.

