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Titolo	Arithmetic Geometry [[electronic resource]] : Lectures given at the C.I.M.E. Summer School held in Cetraro, Italy, September 10-15, 2007 / / by Jean-Louis Colliot-Thélène, Peter Swinnerton-Dyer, Paul Vojta ; edited by Pietro Corvaja, Carlo Gasbarri
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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.