

1. Record Nr.	UNINA9910300128303321
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Titolo	Geometry of PDEs and Related Problems : Cetraro, Italy 2017 // by Xavier Cabré, Antoine Henrot, Daniel Peralta-Salas, Wolfgang Reichel, Henrik Shahgholian ; edited by Chiara Bianchini, Antoine Henrot, Rolando Magnanini
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-95186-6
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XI, 198 p. 35 illus., 4 illus. in color.)
Collana	C.I.M.E. Foundation Subseries ; ; 2220
Disciplina	515.353
Soggetti	Partial differential equations Functional analysis Dynamics Ergodic theory Potential theory (Mathematics) Partial Differential Equations Functional Analysis Dynamical Systems and Ergodic Theory Potential Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The aim of this book is to present different aspects of the deep interplay between Partial Differential Equations and Geometry. It gives an overview of some of the themes of recent research in the field and their mutual links, describing the main underlying ideas, and providing up-to-date references. Collecting together the lecture notes of the five mini-courses given at the CIME Summer School held in Cetraro (Cosenza, Italy) in the week of June 19–23, 2017, the volume presents a friendly introduction to a broad spectrum of up-to-date and hot topics in the study of PDEs, describing the state-of-the-art in the subject. It also gives further details on the main ideas of the proofs, their

technical difficulties, and their possible extension to other contexts.
Aiming to be a primary source for researchers in the field, the book will
attract potential readers from several areas of mathematics.
