

1. Record Nr.	UNISA996466485003316
Autore	Gursky Matthew J
Titolo	Geometric Analysis and PDEs [[electronic resource] ] : Lectures given at the C.I.M.E. Summer School held in Cetraro, Italy, June 11-16, 2007 // by Matthew J. Gursky, Ermanno Lanconelli, Andrea Malchiodi, Gabriella Tarantello, Xu-Jia Wang, Paul C. Yang ; edited by Antonio Ambrosetti, Sun-Yung Alice Chang, Andrea Malchiodi
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	1-280-38433-6 9786613562258 3-642-01674-X
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XII, 256 p.)
Collana	C.I.M.E. Foundation Subseries ; ; 1977
Disciplina	515.353
Soggetti	Mathematical analysis Analysis (Mathematics) Partial differential equations Physics Analysis Partial Differential Equations Mathematical Methods in Physics Cetraro (2007) Kongress. Cetraro <2007>
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.
Nota di contenuto	PDEs in Conformal Geometry -- Heat Kernels in Sub-Riemannian Settings -- Concentration of Solutions for Some Singularly Perturbed Neumann Problems -- On Some Elliptic Problems in the Study of Selfdual Chern-Simons Vortices -- The k-Hessian Equation -- Minimal Surfaces in CR Geometry.
Sommario/riassunto	This volume contains lecture notes on some topics in geometric analysis, a growing mathematical subject which uses analytical

techniques, mostly of partial differential equations, to treat problems in differential geometry and mathematical physics. The presentation of the material should be rather accessible to non-experts in the field, since the presentation is didactic in nature. The reader will be provided with a survey containing some of the most exciting topics in the field, with a series of techniques used to treat such problems.

---