



Geometric Analysis

By Joaquin Perez, Jose A. Galvez

American Mathematical Society. Paperback. Book Condition: new. BRAND NEW, Geometric Analysis, Joaquin Perez, Jose A. Galvez, This volume contains research and expository articles from the courses and talks given at the RSME Lluís A. Santaló Summer School, "Geometric Analysis", held June 28-July 2, 2010, in Granada, Spain. The goal of the Summer School was to present some of the many advances currently taking place in the interaction between partial differential equations and differential geometry, with special emphasis on the theory of minimal surfaces. This volume includes expository articles about the current state of specific problems involving curvature and partial differential equations, with interactions to neighboring fields such as probability. An introductory, mostly self-contained course on constant mean curvature surfaces in Lie groups equipped with a left invariant metric is provided. The volume will be of interest to researchers, post-docs, and advanced PhD students in the interface between partial differential equations and differential geometry. This book is published in cooperation with Real Sociedad Matemática Española (RSME).



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Reviews

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