

1. Record Nr.	UNINA9910299769003321
Titolo	Analysis and Geometry : MIMS-GGTM, Tunis, Tunisia, March 2014. In Honour of Mohammed Salah Baouendi // edited by Ali Baklouti, Aziz El Kacimi, Sadok Kallel, Nordine Mir
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-17443-6
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (269 p.)
Collana	Springer Proceedings in Mathematics & Statistics, , 2194-1009 ; ; 127
Disciplina	516.3
Soggetti	Global analysis (Mathematics) Manifolds (Mathematics) Differential geometry Partial differential equations Algebraic geometry Global Analysis and Analysis on Manifolds Differential Geometry Partial Differential Equations Algebraic Geometry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1 Linda Rothschild: Salah Baouendi 1937-2011 -- 2 Mustafa Ayyuru and Emil Straube: Compactness of the Neumann Operator -- 3 John d' Angelo: CR-Complexity and Hyperquadric Maps -- 4 Hajer Bahouri: Logarithmic Littlewood-Paley Decomposition -- 5 Rafael F. Barostichi, A. Alexandrou Himonas and Gerson Petronilho: A Cauchy-Kovalvsky Theorem for Nonlinear and Nonlocal Equations -- 6 Pierre Berard and Bernard Helffer: Dirichlet Eigenfunctions of the Square Membrane -- 7 Shiferaw Berhanu: Analyticity and Smoothness for a Class of First Order Nonlinear PDEs -- 8 Jean-Pierre Demailly: Towards the Green-Griffiths-Lang Conjecture -- 9 Makhlof Derridj: On Microlocal Regularity of Complex Vector Fields -- 10 Xiajun Huang and Yuan Yuan: Submanifolds of Hermitian Symmetric Spaces -- 11 Christine Laurent-Thiebaut and Mei-Chi Shaw: Non Closed-Range Property of the CR-

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Sommario/riassunto

This book includes selected papers presented at the MIMS (Mediterranean Institute for the Mathematical Sciences) - GGTM (Geometry and Topology Grouping for the Maghreb) conference, held in memory of Mohammed Salah Baouendi, a most renowned figure in the field of several complex variables, who passed away in 2011. All research articles were written by leading experts, some of whom are prize winners in the fields of complex geometry, algebraic geometry and analysis. The book offers a valuable resource for all researchers interested in recent developments in analysis and geometry.
