



# Geometric Analysis, Mathematical Relativity, and Nonlinear Partial Differential Equations: Southeast Geometry Seminars Emory University, Georgia Institute of Technology, University of Alabama, Birmingham, and the University of Tennessee, 2009-2011

By Mohammad Ghomi, Junfang Li, John McCuan, Vladimir Oliker, Fernando Schwartz

American Mathematical Society. Microfilm. Book Condition: new. BRAND NEW, Geometric Analysis, Mathematical Relativity, and Nonlinear Partial Differential Equations: Southeast Geometry Seminars Emory University, Georgia Institute of Technology, University of Alabama, Birmingham, and the University of Tennessee, 2009-2011, Mohammad Ghomi, Junfang Li, John McCuan, Vladimir Oliker, Fernando Schwartz, This volume presents the proceedings of the Southeast Geometry Seminar for the meetings that took place bi-annually between the fall of 2009 and the fall of 2011, at Emory University, Georgia Institute of Technology, University of Alabama Birmingham, and the University of Tennessee. Talks at the seminar are devoted to various aspects of geometric analysis and related fields, in particular, nonlinear partial differential equations, general relativity, and geometric topology. Articles in this volume cover the following topics: a new set of axioms for General Relativity, CR manifolds, the Mane Conjecture, minimal surfaces, maximal measures, pendant drops, the Funk-Radon-Helgason method, ADM-mass and capacity, and extrinsic curvature in metric spaces.



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