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Nota di contenuto	""A New Technique for the Study of Complete Maximal Hypersurfaces in Certain Open Generalized Robertson-Walker Spacetimes"" 1 Introduction""; ""2 Parabolicity of Riemannian Manifolds""; ""3 Set Up""; ""4 Parabolicity of Spacelike Hypersurfaces""; ""5 The Restriction of the Warping Function on M""; ""6 Uniqueness Results in the Parametric Case""; ""7 Calabi-Bernstein Type Problems""; ""References""; ""Totally Geodesic Submanifolds of Riemannian Symmetric Spaces""; ""1 Introduction""; ""2 Totally Geodesic Submanifolds""; ""3 Riemannian Symmetric Spaces""; ""4 Lie Triple Systems"" ""Recent Progress in Isoparametric Functions and Isoparametric Hypersurfaces"" 1 Introduction""; ""2 Exotic Spheres and Isoparametric Functions""; ""3 Yau Conjecture on the First Eigenvalue and Isoparametric Foliations""; ""4 Related Topics and Applications""; ""References""; ""Part II Invited Talks""; ""Information Geometry of Barycenter Map""; ""1 Introduction""; ""2 Barycenter and Barycenter

Map"; "3 Fibre Space Structure of  $P+(a??X, d I?)$ "; "4 Barycentrically Associated Maps"; "References"; "Stability of Complete Minimal Lagrangian Submanifold and  $L^2$  Harmonic 1-Forms"  
"1 Introduction""2 Proof of Theorem 1"; "3 Surface case"; "References"; "Bonnesen-Style Symmetric Mixed Isoperimetric Inequality"; "1 Introductions and Preliminaries"; "2 The Containment Measure"; "3 The Symmetric Mixed Isoperimetric Inequality"; "4 Reverse Bonnesen Style Symmetric Mixed Inequalities"; "References"; "Cho Operators on Real Hypersurfaces in Complex Projective Space"; "1 Introduction"; "2 Case of Shape Operator"; "3 Case of Structure Jacobi Operator"; "References"; "Geometry of Lagrangian Submanifolds Related to Isoparametric Hypersurfaces"  
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## Sommario/riassunto

Edited in collaboration with the Grassmann Research Group, this book contains many important articles delivered at the ICM 2014 Satellite Conference and the 18th International Workshop on Real and Complex Submanifolds, which was held at the National Institute for Mathematical Sciences, Daejeon, Republic of Korea, August 10–12, 2014. The book covers various aspects of differential geometry focused on submanifolds, symmetric spaces, Riemannian and Lorentzian manifolds, and Kähler and Grassmann manifolds.

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