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Nota di contenuto	Constant mean curvature spacelike hypersurfaces in spacetimes with certain causal symmetries -- Sequences of maximal antipodal sets of oriented real Grassmann manifolds II -- Derivative on real hypersurfaces of non-flat complex space forms -- Maximal antipodal subgroups of the automorphism groups of compact Lie algebras -- A nearly Kähler submanifold with vertically pluri-harmonic lift -- The Schwarz lemma for super-conformal maps -- Reeb recurrent structure Jacobi operator on real hypersurfaces in complex two-plane Grassmannians -- Hamiltonian non-displaceability of the Gauss images of isoparametric hypersurfaces -- Counterexamples to Goldberg Conjecture with reversed orientation on Walker 8-manifolds of neutral signature -- A construction of weakly reflective submanifolds in

compact symmetric spaces -- The dual Orlicz mixed Quermassintegral -- Characterizations of a Clifford hypersurface in a unit sphere -- 3-dimensional real hypersurfaces with η -harmonic curvature -- Gromov-Witten Invariants on the products of Almost Contact Metric Manifolds -- On LVMB, but not LVM, manifolds -- Inequalities for algebraic Casorati curvatures and their applications -- Volume-preserving mean curvature flow for tubes in rank one symmetric spaces of non-compact type -- A duality between compact symmetric triads and semisimple pseudo-Riemannian symmetric pairs with applications to geometry of Hermann type actions -- Transversally complex submanifolds of a quaternion projective space -- On Floer homology of the Gauss images of isoparametric hypersurfaces -- On the pointwise slant submanifolds -- Riemannian Hilbert manifolds -- Real hypersurfaces in Hermitian symmetric space of rank-two with Killing shape operator -- The Chern-Moser-Tanaka invariant on pseudo-Hermitian almost CR manifolds -- Bott Periodicity, Submanifolds, and Vector Bundles -- The solvable models of noncompact real two-plane Grassmannians and some applications -- Biharmonic homogeneous submanifolds in compact symmetric spaces -- Recent results on real Hypersurfaces in Complex quadrics.

Sommario/riassunto

This book presents the proceedings of the 20th International Workshop on Hermitian Symmetric Spaces and Submanifolds, which was held at the Kyungpook National University from June 21 to 25, 2016. The Workshop was supported by the Research Institute of Real and Complex Manifolds (RIRCM) and the National Research Foundation of Korea (NRF). The Organizing Committee invited 30 active geometers of differential geometry and related fields from all around the globe to discuss new developments for research in the area. These proceedings provide a detailed overview of recent topics in the field of real and complex submanifolds.
