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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents -- Preface -- List of Presenters -- Historical Articles -- Some personal remarks on the Radon transform -- On the Life and Work of S. Helgason -- Research and Expository Articles -- Microlocal analysis of an ultrasound transform with circular source and receiver trajectories -- Cuspidal discrete series for projective hyperbolic spaces -- The Radon transform on (3): motivations, generalizations, discretization -- Atomic decompositions of Besov spaces related to symmetric cones -- A double fibration transform for complex projective space -- Magnetic Schrödinger equation on compact symmetric spaces and the geodesic Radon transform of one forms -- method for constructing equivariant differential operators -- Schiffer's conjecture, interior transmission eigenvalues and invisibility cloaking: Singular problem vs. nonsingular problem -- Approximate Reconstruction from Circular and Spherical Mean Radon Transform Data -- Analytic and group-theoretic aspects of the Cosine transform -- Quantization of linear algebra and its application to integral geometry -- Mean value theorems on symmetric spaces -- Semyanisty

fractional integrals and Radon transforms -- Radon–Penrose transform
between symmetric spaces -- Principal series representations of
infinite dimensional Lie groups, II: Construction of induced
representations.
