1. Record Nr. UNINA9910142670503321

Titolo	2006 IEEE International Symposium on Geoscience and Remote Sensing : July 31, 2006-August 4, 2006
Pubbl/distr/stampa	New York : , : IEEE, , 2007
ISBN	1-5090-9150-5
Descrizione fisica	1 online resource (1083 pages)
Soggetti	Remote sensing Earth sciences - Remote sensing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910133640503321

Titolo	Deciphering the universe through spectroscopy [[electronic resource] /] / edited by Regina von Berlespch
Pubbl/distr/stampa	Weinheim, Germany, : Wiley-VCH, 2010
ISBN	3-527-64385-0 1-283-14076-4 9786613140760 3-527-63485-1 3-527-63484-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (262 p.)
Collana	Reviews in modern astronomy ; ; v. 22
Altri autori (Persone)	BerlepschRegina von
Disciplina	523.10287 600
Soggetti	Astronomical spectroscopy Spectrum analysis
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 and index.

Nota di contenuto	Reviews in Modern Astronomy; Contents; Preface; Karl Schwarzschild Lecture: Dissecting galaxies with quantitative spectroscopy of the brightest stars in the Universe; Ludwig Biermann Award Lecture: Pulsations and planets: The asteroseismology-extrasolar-planet connection; Ludwig Biermann Award Lecture: Stellar archaeology: Exploring the Universe with metal-poor stars; Quantitative solar spectroscopy; Metallicity and kinematical clues To the formation of the Local Group; Probing dark matter, galaxies and the expansion history of the Universe with Lya in absorption and emission Hypervelocity stars in the Galactic haloSchwarzschild modelling of elliptical galaxies and their black holes; Star and protoplanetary disk properties in Orion's suburbs; Molecular gas at high redshift; X-ray spectroscopy and mass analysis of galaxy clusters; High-fidelity spectroscopy at the highest resolution; Spectroscopy of solar neutrinos; Open clusters and the galactic disk; VLT-CRIRES: "Good Vibrations" Rotational-vibrational molecular spectroscopy in astronomy; Index of Contributors; General Table of Contents; General Index of Contributors
Sommario/riassunto	This 22nd volume in the series contains 15 invited reviews and highlight contributions from outstanding speakers presented during the 2009 annual meeting of the Astronomical Society on the subject of ""Deciphering the Universe through Spectroscopy"", held in Potsdam, Germany.Topics range from the measurements of magnetic fields on the surface of the sun via detailed measurements of abundances in stellar atmospheres to the kinematics of the universe at its largest scales. The result is a systematic overview of the latest astronomical and cosmological research.

3.

Record Nr.	UNINA9910778216403321
Autore	Gasqui Jacques
Titolo	Radon transforms and the rigidity of the Grassmannians [[electronic resource] /] / Jacques Gasqui and Hubert Goldschmidt
Pubbl/distr/stampa	Princeton, N.J., : Princeton University Press, 2004
ISBN	1-282-15898-8 9786612158988 1-4008-2617-9
Edizione	[Course Book]
Descrizione fisica	1 online resource (385 p.)
Collana	Annals of mathematics studies ; ; no. 156
Altri autori (Persone)	GoldschmidtHubert <1942->
Disciplina	515/.723
Soggetti	Radon transforms Grassmann manifolds
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 (p. [357]-361) and index.
Nota di contenuto	Frontmatter -- TABLE OF CONTENTS -- INTRODUCTION -- Chapter I. Symmetric Spaces and Einstein Manifolds -- Chapter II. Radon Transforms on Symmetric Spaces -- Chapter III. Symmetric Spaces of Rank One -- Chapter IV. The Real Grassmannians -- Chapter V. The Complex Quadric -- Chapter VI. The Rigidity of the Complex Quadric -- Chapter VII. The Rigidity of the Real Grassmannians -- Chapter VIII. The Complex Grassmannians -- Chapter IX. The Rigidity of the Complex Grassmannians -- Chapter X. Products of Symmetric Spaces -- References -- Index
Sommario/riassunto	This book provides the first unified examination of the relationship between Radon transforms on symmetric spaces of compact type and the infinitesimal versions of two fundamental rigidity problems in Riemannian geometry. Its primary focus is the spectral rigidity problem: Can the metric of a given Riemannian symmetric space of compact type be characterized by means of the spectrum of its Laplacian? It also addresses a question rooted in the Blaschke problem: Is a Riemannian metric on a projective space whose geodesics are all closed and of the same length isometric to the canonical metric? The authors comprehensively treat the results concerning Radon transforms and the infinitesimal versions of these two problems. Their main result implies

that most Grassmannians are spectrally rigid to the first order. This is particularly important, for there are still few isospectrality results for positively curved spaces and these are the first such results for symmetric spaces of compact type of rank ›1. The authors exploit the theory of overdetermined partial differential equations and harmonic analysis on symmetric spaces to provide criteria for infinitesimal rigidity that apply to a large class of spaces. A substantial amount of basic material about Riemannian geometry, symmetric spaces, and Radon transforms is included in a clear and elegant presentation that will be useful to researchers and advanced students in differential geometry.