1. Record Nr. UNINA9910455339303321

Autore	Bringi V. N. <1949->
Titolo	Polarimetric Doppler weather radar : principles and applications / / V.N. Bringi, V. Chandrasekar [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2001
ISBN	1-107-11507-8 1-107-38533-4 0-511-05069-0 0-511-15450-X 0-511-32839-7 0-511-17456-X 9786610418954 0-511-54109-0 0-521-01955-9 1-280-41895-8
Descrizione fisica	1 online resource (xxv, 636 pages) : digital, PDF file(s)
Disciplina	551.63/53
Soggetti	Radar meteorology Doppler radar Polariscope Radio waves - Polarization - Measurement Polarimetry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references (p. 607-628) and index.
Nota di contenuto	; 1. Electromagnetic concepts useful for radar applications -- ; 2. Scattering matrix -- ; 3. Wave, antenna, and radar polarization -- ; 4. Dual-polarized wave propagation in precipitation media -- ; 5. Doppler radar signal theory and spectral estimation -- ; 6. Dual-polarized radar systems and signal processing algorithms -- ; 7. The polarimetric basis for characterizing precipitation -- ; 8. Radar rainfall estimation -- ; App. 1. Review of electrostatics -- ; App. 2. Review of vector spherical harmonics and multipole expansion of the electromagnetic field -- ; App. 3. T-matrix method -- ; App. 4. Solution for the transmission

	matrix.
Sommario/riassunto	This 2001 book provides a detailed introduction to the principles of Doppler and polarimetric radar, focusing in particular on their use in the analysis of weather systems. The design features and operation of practical radar systems are highlighted throughout the book in order to illustrate important theoretical foundations. The authors begin by discussing background topics such as electromagnetic scattering, polarization, and wave propagation. They then deal in detail with the engineering aspects of pulsed Doppler polarimetric radar, including the relevant signal theory, spectral estimation techniques, and noise considerations. They close by examining a range of key applications in meteorology and remote sensing. The book will be of great use to graduate students of electrical engineering and atmospheric science as well as to practitioners involved in the applications of polarimetric radar systems.

2.	Record Nr.	UNINA9910695717603321
	Autore	Roth Shelley Brock
	Titolo	National household education surveys program of 2005 [[electronic resource]] : nonresponse bias in the 2005 National Household Education Surveys Program / / Shelley Brock Roth, Jill M. Montaquila, Chris Chapman
	Pubbl/distr/stampa	[Washington, D.C.] : , : U.S. Dept. of Education, Institute of Education Sciences, National Center for Education Statistics, , [2006]
	Descrizione fisica	viii, 59 pages : digital, PDF file
	Altri autori (Persone)	MontaquilaJill M ChapmanChris
	Soggetti	Educational surveys - United States Household surveys - United States
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Title from title screen (viewed on Apr. 23, 2007). "November 2006." "NCES 2007-016."

Nota di bibliografia	Includes bibliographical references (page 59).

3. Record Nr. UNINA9910566471703321

Autore	Durazzo Marilena
Titolo	Gastrointestinal Tract Disorders
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (236 p.)
Soggetti	Chemistry Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Gastrointestinal tract disorders are a wide group of diseases involving both the gastrointestinal tube (esophagus, stomach, small and large intestine) and related organs (liver, pancreas, and gallbladder). These dysfunctions may differ by site, etiology, and severity, going from simple malfunctions to mere diseases. Because of their variety and heterogeneity, gastrointestinal disorders can affect many people and are widespread throughout the population. Therefore, scientific research in this area is facing a great challenge. Better knowledge of gastrointestinal disorders in terms of their pathophysiology, clinical features, and possible complications is necessary for the development of new diagnostic methods and therapeutic strategies. During the last several decades, some scientific developments have already been made, giving more opportunities to these patients. However, much remains to be discovered and to be done to help physicians in their everyday work and to give patients a better prognosis. The present Special Issue aims to highlight recent advances in gastrointestinal tract disorders, focusing on their diagnostic and therapeutic path, evolution, and complications.