1. Record Nr. UNINA9911019871103321

Autore	Chen Kwang-Cheng
Titolo	Cognitive radio networks / / Kwang-Cheng Chen, Ramjee Prasad
Pubbl/distr/stampa	Chichester, West Susses, U.K., : Wiley, c2009
ISBN	9786612123320 9781282123328 1282123327 9780470742020 047074202X 9780470742013 0470742011
Descrizione fisica	1 online resource (373 p.)
Altri autori (Persone)	PrasadRamjee
Disciplina	621.39/81
Soggetti	Cognitive radio networks Computer networks
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	Wireless communications -- Software defined radio -- Wireless networks -- Cooperative communications and networks -- Cognitive radio communications -- Cognitive radio networks -- Spectrum sensing -- Medium access control -- Network layer design -- Trusted cognitive radio networks -- Spectrum management of cognitive radio networks.
Sommario/riassunto	Giving a basic overview of the technologies supporting cognitive radio this introductory-level text follows a logical approach, starting with the physical layer and concluding with applications and general issues. It provides a background to advances in the field of cognitive radios and a new exploration of how these radios can work together as a network. Cognitive Radio Networks starts with an introduction to the fundamentals of wireless communications, introducing technologies such as OFDM & MIMO. It moves onto cover software defined radio and explores and contrasts wireless, cooperative and cognitive networks and communications. Spectrum sensing, medium access control and

	network layer design are examined before the book concludes by covering the topics of trusted cognitive radio networks and spectrum management. Unique in providing a brief but clear tutorial and reference to cognitive radio networks this book is a single reference, written at the appropriate level for newcomers as well as providing an encompassing text for those with more knowledge of the subject. <ul type="disc">. One of the first books to provide a systematic description of cognitive radio networks. Provides pervasive background knowledge including both wireless communications and wireless networks. Written by leading experts in the field. Full network stack investigation.

2. Record Nr. UNINA9910743279703321

Titolo	Advance in Mechanical and Thermal Characterization of Polymer Composites
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2023
Descrizione fisica	1 online resource (178 p.)
Soggetti	History of engineering and technology Materials science Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This Reprint explores the possibilities of blending nanoparticles and polymers? You are encouraged to dive into the polymer composites world and analyze the intricacies of nanomaterials and their influence on polymers. This Reprint uncovers the synergy between nanomaterials and polymers and their application in the field of engineering. The peer-reviewed articles in this Reprint present insights into the analysis of new advancements in nanocomposites, synthesizing techniques, interfacial interactions, and mechanical and thermal characterization.