

1. Record Nr.	UNINA9910299756503321
Autore	Mao Shiwen
Titolo	Video over Cognitive Radio Networks : When Quality of Service Meets Spectrum // by Shiwen Mao
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2014
ISBN	1-4614-4957-X
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (128 p.)
Disciplina	004.6 620 621.382 621.3891
Soggetti	Electrical engineering Computer organization Signal processing Image processing Speech processing systems Communications Engineering, Networks Computer Systems Organization and Communication Networks Signal, Image and Speech Processing
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	Introduction -- Video over Cellular CR networks -- Video over Cooperative CR Networks -- Video over Femto CR Networks -- Video over Multi-hop CR Networks -- Conclusion and Open Problems.
Sommario/riassunto	This book focuses on the problem of video streaming over emerging cognitive radio (CR) networks. The book discusses the problems and techniques for scalable video streaming over cellular cognitive radio networks, ad hoc CR networks, cooperative CR networks, and femtocell CR networks. The author formulates these problems and proposes optimal algorithms to solve these problems. Also, the book analyzes the proposed algorithms and validates the algorithms with simulations.

2. Record Nr.	UNINA9910557347003321
Autore	Pietrzyk Bozena
Titolo	Functional Ceramic Coatings
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (210 p.)
Soggetti	Research and information: general Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Ceramic materials in the form of coatings can significantly improve the functionality and applications of other engineering materials. Due to a wide range of controllable features and various deposition methods, it is possible to create tailored substrate-coating systems that meet the requirements of modern technologies. Therefore, it is crucial to understand the relationships between the structures, morphology and the properties of ceramic coatings and expand the base of scientific knowledge about them. This book contains a series of fourteen articles which present research on the production and properties of ceramic coatings designed to improve functionality for advanced applications.