

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.