1. Record Nr. UNINA9910299461503321

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Titolo	Cognitive networked sensing and big data / / Robert Qiu, Michael Wicks
Pubbl/distr/stampa	Dordrecht ; ; New York, : Springer, 2013
ISBN	1-4614-4544-2
Descrizione fisica	1 online resource (633 p.)
Altri autori (Persone)	WicksMichael
Disciplina	004.6 620 621.382 621.384
Soggetti	Sensor networks - Programming Wireless communication systems
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	Fundamentals for Cognitive Radios -- Synchronization -- Network Control -- Concentration of Eigenvalues and their Functionals -- Non-Asymptotic, Local Theory of Random Matrices -- Asymptotic, Global Theory of Random Matrices -- Compressed Sensing and Sparse Recovery -- Matrix Completion and Low-Rank Matrix Recovery -- Covariance Matrix Estimation in High Dimensions -- Detection in High Dimensions -- Database Friendly Data Processing -- From Network to Big Data.
Sommario/riassunto	Cognitive Networked Sensing and Big Data defines high-dimensional data processing in the context of wireless distributed computing and cognitive sensing. This book presents the challenges that are unique to this area such as synchronization caused by the high mobility of the nodes. The authors discuss the integration of software defined radio implementation and testbed development. The book also bridges new research results and contextual reviews. Additionally, the authors provide an examination of large cognitive radio network; hardware testbed; distributed sensing; and distributed computing.