

1. Record Nr.	UNINA9910350314103321
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Titolo	Secure Compressive Sensing in Multimedia Data, Cloud Computing and IoT // by Yushu Zhang, Yong Xiang, Leo Yu Zhang
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2019
ISBN	981-13-2523-5
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (124 pages)
Collana	SpringerBriefs in Signal Processing, , 2196-4084
Disciplina	006.6
Soggetti	Signal processing Data protection Cryptography Data encryption (Computer science) Signal, Speech and Image Processing Data and Information Security Cryptology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Secure Compressive Sensing -- Multimedia Data Security -- Cloud Computing Security -- Internet of Things Security -- Concluding Remarks and Future Research.
Sommario/riassunto	This book gives a comprehensive and systematic review of secure compressive sensing (CS) for applications in various fields such as image processing, pattern recognition, Internet of things (IoT), and cloud computing. It will help readers grasp the knowledge of secure CS and its applications, and stimulate more readers to work on the research and development of secure CS. It discusses how CS becomes a cryptosystem, followed by the corresponding designs and analyses. The application of CS in multimedia data encryption is presented, in which the general design framework is given together with several particular frameworks including parallel CS, involvement of image processing techniques, and double protection mechanism. It also describes the applications of CS in cloud computing security and IoT security, i.e., privacy-preserving reconstruction in cloud computing and secure low-cost sampling in IoT, respectively.

