

1. Record Nr.	UNISA996207292103316
Titolo	Transactions on Data Hiding and Multimedia Security X [[electronic resource] /] / edited by Yun Q. Shi
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2015
ISBN	3-662-46739-9
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (IX, 107 p. 43 illus.)
Collana	Transactions on Data Hiding and Multimedia Security, , 1864-3043 ; ; 8948
Disciplina	005.82
Soggetti	Data encryption (Computer science) Computer security Coding theory Information theory Optical data processing Cryptology Systems and Data Security Coding and Information Theory Image Processing and Computer Vision
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Strengthening Spread Spectrum Watermarking Security via Key Controlled Wavelet Filter -- Wave Atom-Based Perceptual Image Hashing Against Content-Preserving and Content-Altering Attacks -- IR Hiding: Use of Specular Reflection for Short-Wavelength-Pass-Filter Detection to Prevent Re-recording of Screen Images -- A Reliable Covert Communication Scheme Based on VoIP Steganography -- Adaptive Steganography and Steganalysis with Fixed-Size Embedding -- Permutation Steganography in FAT File systems.
Sommario/riassunto	Since the mid 1990s, data hiding has been proposed as an enabling technology for securing multimedia communication and is now used in various applications including broadcast monitoring, movie fingerprinting, steganography, video indexing and retrieval and image authentication. Data hiding and cryptographic techniques are often

combined to complement each other, thus triggering the development of a new research field of multimedia security. Besides, two related disciplines, steganalysis and data forensics, are increasingly attracting researchers and becoming another new research field of multimedia security. This journal, LNCS Transactions on Data Hiding and Multimedia Security, aims to be a forum for all researchers in these emerging fields, publishing both original and archival research results. The six papers included in this issue deal with watermarking security, perceptual image hashing, infrared hiding, steganography and steganalysis.

---