1.	Record Nr.	UNINA9910484691103321
	Titolo	Digital watermarking : 6th international workshop, IWDW 2007, Guangzhou, China, December 3-5, 2007 : proceedings / / edited by Yun Q. Shi, Hyoung-Joong Kim, Stefan Katzenbeisser
	Pubbl/distr/stampa	Berlin, Germany : , : Springer, , [2008] ©2008
	ISBN	3-540-92238-5
	Edizione	[1st ed. 2008.]
	Descrizione fisica	1 online resource (XII, 484 p.)
	Collana	Security and Cryptology ; ; 5041
	Classificazione	DAT 050f DAT 465f SS 4800
	Disciplina	005.82
	Soggetti	Digital watermarking
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Invited Lecture -- Watermarking, a Mature Technology – Retrospect and Prospect -- The Marriage of Cryptography and Watermarking — Beneficial and Challenging for Secure Watermarking and Detection -- Detecting Photographic Composites of People -- Session I: Watermark Security -- (In)Security of an Efficient Fingerprinting Scheme with Symmetric and Commutative Encryption of IWDW 2005 -- Attack Analysis for He & Wu's Joint Watermarking/Fingerprinting Scheme -- Multiple Watermarking in Visual Cryptography -- Scalable Security and Conditional Access Control for Multiple Regions of Interest in Scalable Video Coding -- Session II: Steganalysis -- Fusion Based Blind Image Steganalysis by Boosting Feature Selection -- Steganalysis of Multi Bit Plane Image Steganography -- Steganalysis of Enhanced BPCS Steganography Using the Hilbert-Huang Transform Based Sequential Analysis -- Weaknesses of MB2 -- Effect of Different Coding Patterns on Compressed Frequency Domain Based Universal JPEG Steganalysis -- Steganalysis Versus Splicing Detection -- Session III: Authentication -- Authenticating Binary Text Documents Using a Localising OMAC Watermark Robust to Printing and Scanning -- A General Data Hiding Framework and Multi-level Signature for Binary Images -- High-Capacity Invisible Background Encoding for Digital Authentication of

Hardcopy Documents -- Session IV: Reversible Data Hiding -- Reversible Quantization-Index Modulation Using Neighboring Correlation -- High Capacity Reversible Data Hiding for 3D Meshes in the PVQ Domain -- Reversible Data Hiding Using Prediction Error Values Embedding -- An Improved Reversible Difference Expansion Watermarking Algorithm -- Optimum Histogram Pair Based Image Lossless Data Embedding -- Session V: Robust Watermarking -- Multiple Domain Watermarking for Print-Scan and JPEG Resilient Data Hiding -- GA-Based Robustness Evaluation Method for Digital Image Watermarking -- Dither Modulation in the Logarithmic Domain -- Session VI: Poster Session -- A Practical Real-Time Video Watermarking Scheme Robust against Downscaling Attack -- Secure Video Multicast Based on Desynchronized Fingerprint and Partial Encryption -- Design an Aperiodic Stochastic Resonance Signal Processor for Digital Watermarking -- Watermarking for Authentication of LZ-77 Compressed Documents -- Robust Audio Zero-Watermark Based on LWT and Chaotic Modulation -- A Modified Kernels-Alternated Error Diffusion Watermarking Algorithm for Halftone Images -- Session VII: Theory and Methods in Watermarking -- On the Complexity of Obtaining Optimal Watermarking Schemes -- A Theoretical Framework for Watermarking of Compressed Signals -- Least Distortion Halftone Image Data Hiding Watermarking by Optimizing an Iterative Linear Gain Control Model -- Multiple Scrambling and Adaptive Synchronization for Audio Watermarking -- A Comparison of DCT and DWT Block Based Watermarking on Medical Image Quality -- A High Payload VQ Steganographic Method for Binary Images.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 6th International Workshop, IWDW 2007, held in Guangzhou, China, in December 2007. The 24 revised full papers together with 3 invited papers were carefully reviewed and selected from 81 submissions. The papers are organized in topical sections on watermark security; steganalysis; authentication; reversible data hiding; robust watermarking; poster session; theory and methods in watermarking. |