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| Nota di contenuto | Digital Forensics -- Image Noise and Digital Image Forensics -- Camera Source Identification with Limited Labeled Training Set -- Detecting Video Forgery By Estimating Extrinsic Camera Parameters -- Discriminating between Computer-Generated Facial Images and Natural Ones Using Smoothness Property and Local Entropy -- Multiple MP3 Compression Detection based on the Statistical Properties of Scale Factors -- Detection of Double compression for HEVC videos based on the Co-occurrence Matrix of DCT coefficients.-An Advanced Texture Analysis Method for Image Sharpening Detection -- Source Camera Model Identification Using Features from contaminated Sensor Noise -- |

Inter-frame Forgery Detection for Static-Background Video Based on MVP Consistency -- An Effective Detection Method Based On Physical Traits of Recaptured Images On LCD Screens -- Steganography and Steganalysis -- Video Steganalysis Based on Intra Prediction Mode Calibration -- Feature Selection for High Dimensional Steganalysis -- Synthetic speech detection and audio steganography in VoIP scenarios -- Digital Watermarking -- Fingerprinting for Broadcast Content Distribution System -- Image Watermarking Based on Reflectance Modification -- Digital Video Watermark Optimization for Detecting Replicated Two-Dimensional Barcodes -- An Authentication and Recovery Scheme for Digital Speech Signal based on DWT -- Enrichment of Visual Appearance of Aesthetic QR Code -- Nondestructive Readout of Copyright Information Embedded in Objects Fabricated with 3-D Printers -- Blind Watermarking Based on Adaptive Lattice Quantization Index Modulation -- Self-embedding Watermarking Scheme Based on MDS Codes -- Watermarking Method using Concatenated Code for Scaling and Rotation Attacks -- DCT-OFDM Based Watermarking Scheme Robust against Clipping, Rotation, and Scaling Attacks -- Robust Imperceptible Video Watermarking for MPEG Compression and DA-AD Conversion Using Visual Masking -- Detection of frequency-scale modification using robust audio watermarking based on amplitude modulation -- Audio Watermarking Using Different Wavelet Filters -- Reversible Data Hiding -- A Commutative Encryption and Reversible Watermarking for Fingerprint Image -- Distortion-Free Robust Reversible Watermarking By Modifying and Recording IWT Means of Image Blocks -- Reversible Data Hiding for Encrypted Audios by High Order Smoothness -- Completely Separable Reversible Data Hiding in Encrypted Images -- Optimal Histogram-pair and Prediction-error Based Reversible Data Hiding for Medical Images -- Visual Cryptography -- Authenticated Secret Sharing Scheme Based on GMEMD -- Robust Content-Based Image Hash Functions Using Nested Lattice Codes -- An Improved Aspect Ratio Invariant Visual Cryptography Scheme with Flexible Pixel Expansion -- A New Construction of Tagged Visual Cryptography Scheme.

Sommario/riassunto

This book constitutes revised selected papers from the 14th International Workshop on Digital-Forensics and Watermarking, IWDW 2015, held in Tokyo, Japan, in October 2015. The 35 papers presented in this volume were carefully reviewed and selected from 54 submissions. The contributions are organized in topical sections named: digital forensics; steganography and steganalysis; digital watermarking; reversible data hiding; and visual cryptography.