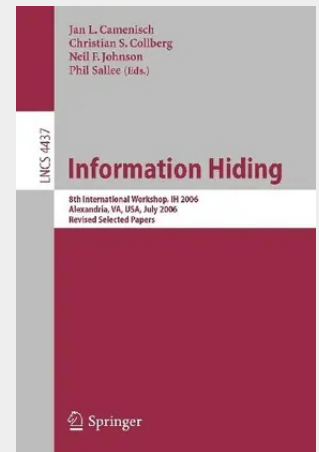


Information Hiding

8th International Workshop, IH 2006, Alexandria, VA, USA, July 10-12, 2006, Revised Selected Papers

This volume constitutes the refereed post-proceedings of the 8th International Workshop on Information Hiding held in Alexandria, Virginia, in July 2006. Twenty-five carefully reviewed full papers are organized into topical sections covering watermarking, information hiding and networking, data hiding in unusual content, fundamentals, software protection, steganalysis, steganography, and subliminal channels.

Hamiltonian Mechanics.- Natural Watermarking: A Secure Spread Spectrum Technique for WOA.- An Improved Asymmetric Watermarking System Using Matrix Embedding.- A Cryptographic Method for Secure Watermark Detection.- Steganographic Communication in Ordered Channels.- Analyzing Network-Aware Active Wardens in IPv6.- Video Watermarking by Using Geometric Warping Without Visible Artifacts.- Video Watermarking by Using Geometric Warping Without Visible Artifacts.- Time-Scale Invariant Audio Watermarking Based on the Statistical Features in Time Domain.- Content-Aware Steganography: About Lazy Prisoners and Narrow-Minded Wardens.- Noisy Timing Channels with Binary Inputs and Outputs.- A Computational Model for Watermark Robustness.- Hiding Information Hiding.- Reversible Watermarking of NURBS-Based CAD Models.- A High-Capacity Data Hiding Method for Polygonal Meshes.- Steganography for Radio Amateurs.- A DSSS Based Approach for Slow Scan Television.- Delayed and Controlled Failures in Tamper-Resistant Software.- A Model for Self-Modifying Code.- A Markov Process Based Approach to Effective Attacking JPEG Steganography.- Batch Steganography and Pooled Steganalysis.- On Steganographic Embedding Efficiency.- Bandwidth Optimal Steganography Secure Against Adaptive Chosen Stegotext Attacks.- Modified Matrix Encoding Technique for Minimal Distortion Steganography.- Statistically Secure Anti-Collusion Code Design for Median Attack Robustness for Practical Fingerprinting.- A Collusion-Resistant Video Watermarking Scheme.- An Elliptic Curve Backdoor Algorithm for RSASSA.- A Subliminal-Free Variant of ECDSA.



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