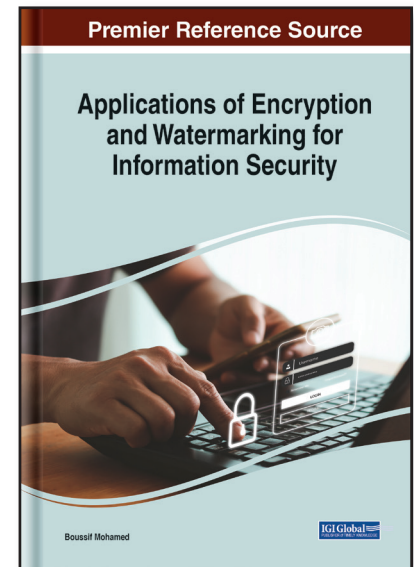# Applications of Encryption and Watermarking for Information Security

Part of the Advances in Information Security, Privacy, and Ethics Book Series

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Description:

In recent years, media digitalization has been booming. It has, however, led to a phenomenon of private data hacking, which was stimulated by the expansion of the data exchange system. These hackers are being countered by using new techniques, including cryptography and watermarking. Therefore, in the fields of information security, data encryption, and watermarking, there exists a need for a collection of original research in this area.

Applications of Encryption and Watermarking for Information Security provides relevant theoretical frameworks and the latest empirical research findings in the domains of security and privacy. It is written for professionals who want to improve their understanding of the strategic role of trust at different levels of information security, that is, trust at the level of cryptography and watermarking and at the level of securing multimedia data. Covering topics such as background subtraction, moving object detection, and visual watermark identification, this premier reference source is an excellent resource for security and privacy professionals, IT managers, practitioners, students and educators of higher education, librarians, researchers, and academicians.

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Hardcover: $240.00   **Softcover:** $190.00   **E-Book:** $240.00   **Hardcover + E-Book:** $290.00

Topics Covered:

- Background Subtraction
- Convergence Analysis
- Crypto-Watermarking Methods
- Cryptography Algorithms
- Fingerprinting
- Medical Images Security
- Moving Object Detection
- Multivariable Delayed Systems
- Speech Recognition Systems
- Stationary Wavelet Domain
- Video Compression
- Video Watermarking
- Visual Watermark Identification

Subject: Security and Forensics

Classification: Edited Reference

Readership Level: Advanced-Academic Level (Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners