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Soggetti	Data encryption (Computer science) Computer security Computers and civilization E-commerce Application software Computer science Cryptology Systems and Data Security Computers and Society e-Commerce/e-business Computer Appl. in Administrative Data Processing Computer Science, general
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Livello bibliografico	Monografia
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Nota di contenuto	On Modeling Terrorist Frauds: Addressing Collusion in Distance Bounding Protocols -- Authenticated Key Exchange Protocols Based on Factoring Assumption -- Efficient, Pairing-Free, Authenticated Identity Based Key Agreement in a Single Round -- CIL Security Proof for a Password-Based Key Exchange -- Non Observability in the Random Oracle Model -- Indistinguishability against Chosen Ciphertext Verification Attack Revisited: The Complete Picture -- Input-Aware Equivocal Commitments and UC-secure Commitments with Atomic Exchanges -- Towards Anonymous Ciphertext Indistinguishability with

Identity Leakage -- k-Time Proxy Signature: Formal Definition and Efficient Construction -- Anonymous Signcryption against Linear Related-Key Attacks -- Improved Authenticity Bound of EAX, and Refinements -- The Security of the OCB Mode of Operation without the SPRP Assumption -- A Short Universal Hash Function from Bit Rotation, and Applications to Blockcipher Modes -- How to Remove the Exponent GCD in HK09 -- Translation-Randomizable Distributions via Random Walks -- RKA Secure PKE Based on the DDH and HR Assumptions -- Computationally Efficient Dual-Policy Attribute Based Encryption with Short Ciphertext -- Factoring-Based Proxy Re-Encryption Schemes -- Towards a Secure Certificateless Proxy Re-Encryption Scheme.

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Sommario/riassunto

This book constitutes the refereed proceedings of the 7th International Conference on Provable Security, ProvSec 2013, held in Melaka, Malaysia, in October 2013. The 18 full papers presented together with 1 invited talk were carefully reviewed and selected from 44 submissions. The papers cover the following topics: key exchange protocols, security models, signature and signcryption schemes, authenticated encryption, theory, and public key encryption.

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