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Collana	Security and Cryptology ; ; 5848
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Soggetti	Data encryption (Computer science) Data structures (Computer science) Computer science—Mathematics Coding theory Information theory Cryptology Data Structures and Information Theory Mathematics of Computing Discrete Mathematics in Computer Science Symbolic and Algebraic Manipulation Coding and Information Theory Kanton (Stadt, 2009) Kongress.
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Talks -- A Brief History of Security Models for Confidentiality -- Symbolic Methods for Provable Security -- Encryption -- Efficient Non-interactive Universally Composable String-Commitment Schemes -- Spatial Encryption under Simpler Assumption -- Chosen-Ciphertext Secure RSA-Type Cryptosystems -- Anonymous Conditional Proxy Re-encryption without Random Oracle -- Breaking and Fixing of an

Identity Based Multi-Signcryption Scheme -- Digital Signatures --
Identity-Based Verifiably Encrypted Signatures without Random Oracles
-- How to Prove Security of a Signature with a Tighter Security
Reduction -- Twin Signature Schemes, Revisited -- On the Insecurity of
the Fiat-Shamir Signatures with Iterative Hash Functions -- Is the
Notion of Divisible On-Line/Off-Line Signatures Stronger than On-
Line/Off-Line Signatures? -- Anonymous Signatures Revisited --
Cryptographic Protocols -- An eCK-Secure Authenticated Key Exchange
Protocol without Random Oracles -- Password Authenticated Key
Exchange Based on RSA in the Three-Party Settings -- Comparing
SessionStateReveal and EphemeralKeyReveal for Diffie-Hellman
Protocols -- Zero-Knowledge Protocols for NTRU: Application to
Identification and Proof of Plaintext Knowledge -- Server-Controlled
Identity-Based Authenticated Key Exchange -- Reductions and Privacy
-- Oracle Separation in the Non-uniform Model -- GUC-Secure Set-
Intersection Computation -- Self-enforcing Private Inference Control.

Sommario/riassunto

This book constitutes the refereed proceedings of the Third International Conference on Provable Security, ProvSec 2009, held in Guangzhou, China, November 11-13, 2009. The 19 revised full papers and two invited talks presented were carefully reviewed and selected from 64 submissions. The papers are organized in topical sections on encryption, digital signature, cryptographic protocols and reduction and privacy.
