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Nota di contenuto	Cryptanalysis of Multivariate Systems -- Properties of the Discrete Differential with Cryptographic Applications -- Growth of the Ideal Generated by a Quadratic Boolean Function -- Mutant Zhuang-Zi Algorithm -- Cryptanalysis of Two Quartic Encryption Schemes and One Improved MFE Scheme -- Cryptanalysis of Code-Based Systems -- Cryptanalysis of the Niederreiter Public Key Scheme Based on GRS Subcodes -- Grover vs. McEliece -- Information-Set Decoding for Linear Codes over F_q -- A Timing Attack against the Secret Permutation in the McEliece PKC -- Practical Power Analysis Attacks on Software Implementations of McEliece -- Design of Encryption Schemes -- Key Exchange and Encryption Schemes Based on Non-commutative Skew Polynomials -- Designing a Rank Metric Based McEliece Cryptosystem -- Secure Variants of the Square Encryption Scheme -- Low-Reiter: Niederreiter Encryption Scheme for Embedded Microcontrollers -- Design of Signature Schemes -- Strongly Unforgeable Signatures and Hierarchical Identity-Based Signatures from Lattices without Random Oracles -- Proposal of a Signature Scheme Based on STS Trapdoor -- Selecting Parameters for the Rainbow Signature Scheme.

