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Soggetti	Computer science Microprocessors Computer architecture Computer networks Electronic commerce Electronic data processing - Management Theory of Computation Processor Architectures Computer Communication Networks e-Commerce and e-Business IT Operations
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	A Role-based Specification of the SET Payment Transaction Protocol -- Information Security: Mutual Authentication in E-commerce -- Software-based Receipt-freeness in On-line Elections -- ID-based Structured Multisignature Schemes -- Probabilistic Relations for the Solitaire Keystream Generator -- Hazard Analysis for Security Protocol Requirements -- Securing RMI Communication -- Secure Java Development with UML -- Security Through Aspect-oriented

Programming -- Extending a Campus Network with Remote Bubbles  
Using IPsec -- Combining World Wide Web and Wireless Security -- On  
Mobile Agent Based Transactions in Moderately Hostile Environments  
-- Sparta -- Shell's Trust Domain Infrastructure Security Certification.

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Sommario/riassunto

The more our society relies on electronic forms of communication, the more the security of these communication networks is essential for its well-functioning. As a consequence, research on methods and techniques to improve network security is extremely important. Topics in this volume include the developments in: security protocols; secure software engineering; mobile agent security; e-commerce security; and security for distributed computing.

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