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Autore	Chen Xiaofeng
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Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1663
Disciplina	005.8
Soggetti	Computer networks - Security measures Application software Software engineering Cryptography Data encryption (Computer science) Data protection Computer networks Mobile and Network Security Computer and Information Systems Applications Software Engineering Cryptology Data and Information Security Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cryptography and its applications -- Improved (t,n)-Threshold Proxy Signature Scheme -- Algorithm Substitution Attacks on Identity-Based Encryption -- Authenticated Continuous Top-k Spatial Keyword Search on Dynamic Objects -- Efficient Attribute-based Proxy Re-encryption for Secure Deduplication -- A Secure Word Vector Training Scheme Based on Inner-Product Functional Encryption -- D2D Authentication

Scheme for IoT-enabled Smart Home -- Inner Product Encryption from Middle-Product Learning with Errors -- Network security and privacy protection -- Publicly Verifiable Private Set Intersection from Homomorphic Encryption -- Secure Asynchronous Federated Learning for Edge Computing Devices -- FedBC: An Efficient and Privacy-preserving Federated Consensus Scheme -- A Secure and Privacy-preserving Authentication Scheme in IoMT -- Secure and Efficient k-Nearest Neighbor Query with Privacy-Preserving Authentication -- A Network Security Situation Assessment Method Based on Multi-attention Mechanism and HHO-ResNeXt -- A Privacy-Preserving Federated Learning with Mutual Verification on Vector Spaces -- Data detection -- Patch-based Backdoors Detection and Mitigation with Feature Masking -- Detection and Defense Against DDoS Attack on SDN Controller Based on Feature Selection -- Commodity-Tra: A Traceable Transaction Scheme Based on FISCO BCOS -- A Defect Heterogeneous Risk Assessment Method with Misclassification Cost -- Squeeze-Loss: A Utility-Free Defense Against Membership Inference Attacks -- Blockchain and its applications -- Improved WAVE Signature and Apply to Post-Quantum Blockchain -- Secure Government Data Sharing Based on Blockchain and Attribute-Based Encryption -- Secure Data Storage Scheme of Judicial System based on Blockchain -- Judicial Evidence Storage Scheme Based on Smart Contract.

Sommario/riassunto

This book constitutes the proceedings of the 8th International Symposium on Security and Privacy in Social Networks and Big Data, SocialSec 2022, which took place in Xi'an, China, in October 2022. The 23 papers presented in this volume were carefully reviewed and selected from 103 submissions. The papers were evaluated on the basis of their significance, novelty, technical quality, as well as on their practical impact or their level of advancement of the field's foundations. They were organized in topical sections as follows: Cryptography and its applications; Network security and privacy protection; Data detection; Blockchain and its applications.
