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   Soggetti   Data protection
                        Application software
                        Cryptography
                        Data encryption (Computer science)
                        Computer networks - Security measures
                        Computer networks
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                        Computer and Information Systems Applications
                        Cryptology
                        Security Services
                        Mobile and Network Security
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   Nota di bibliografia   Includes bibliographical references and index.

   Nota di contenuto   KRAKEN: A Knowledge-Based Recommender system for Analysts, to
                        Kick Exploration up a Notch -- ADAM: Automatic Detection of Android
                        Malware -- Attack on the Common Prime Version of Murru and
                        Saettone's RSA Cryptosystem -- Identification of Data Breaches from
                        Public Forums -- A Forensic Framework for Webmail Threat Detection
                        using Log Analysis -- An Evaluation of the Multi-Platform Efficiency of
                        Lightweight Cryptographic Permutations -- Optimized Implementation

of SHA-512 for 16-bit MSP430 Microcontrollers -- Limitations of the Use of Neural Networks in Black Box Cryptanalysis -- Improved polynomial multiplication algorithms over characteristic three fields and applications to NTRU Prime -- An optimization of Bleichenbacher s Oracle Padding Attack -- UC Analysis of the Randomized McElieceCryptosystem -- Using Five Cards to Encode Each Integer in Z/6Z -- Conditional Differential Cryptanalysis on Bagua -- Perfect Anonymous Authentication and Secure Communication in Internet-of-Things -- Flexible Group Non-Interactive Key Exchange in the Standard Model -- A Multifunctional Modular Implementation of Grover's Algorithm -- Lightweight Swarm Authentication -- New Configurations of Grain Ciphers: Security Against Slide Attacks -- Improved security solutions for DDoS mitigation in 5G Multi-access Edge Computing -- Long-Term Secure Asymmetric Group Key Agreement -- Building deobfuscated applications from polymorphic binaries -- Viruses, Exploits, Malware and Security Issues on IoT Devices.

Sommario/riassunto	This book constitutes revised selected papers from the thoroughly refereed conference proceedings of the 14th International Conference on Innovative Security Solutions for Information Technology and Communications, SecITC 2021, which was held virtually in November 2021. The 22 full papers included in this book were carefully reviewed and selected from 40 submissions. They deal with emergent topics in security and privacy from different communities. .