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Nota di contenuto	Access Control -- A Unified Access Control Model for Calibration Traceability in Safety-Critical IoT -- Learning Attribute-Based and Relationship-Based Access Control Policies with Unknown Values -- Reliability and Security for Safety-Critical Service Compositions -- AI/ML in Security -- A Defence Against Trojan Attacks on Deep Neural Networks -- An Overview of Cyber Threat Intelligence Platform and Role of Artificial Intelligence and Machine Learning -- Machine Learning based Android Vulnerability Detection: A Roadmap -- Privacy and Web Security -- Revelio: A Lightweight Captcha Solver using a Dictionary based Approach -- Privacy-Preserving Friend Recommendation in an Integrated Social Environment -- A Toolkit for Security Awareness Training against Targeted Phishing -- Forensic Source Identification of OSN Compressed Images -- Cryptography -- Cheating Detectable Ramp Secret Sharing with Optimal Cheating Resiliency -- LiARX: A Lightweight Cipher based on the LTS Design Strategy of ARX -- Color Visual Cryptography Schemes Using Linear Algebraic Techniques over Rings -- Systems Security -- Secure Calculation for Position Information of IoT Device with Few Communication and Small Secret Information -- Attacks on Android-based Smartphones and Impact of Vendor Customization on Android OS Security -- Detection of Malign and Benign PE Files Using Texture Analysis -- Estimating the Cost of

**Sommario/riassunto**

This book constitutes the proceedings of the 16th International Conference on Information Systems Security, ICISS 2020, held in Jammu, India, during December 16-20, 2020. The 11 regular papers, 2 short papers and 3 work-in-progress papers included in this volume were carefully reviewed and selected from a total of 53 submissions. The papers were organized in topical sections named: access control; AI/ML in security; privacy and Web security; cryptography; and systems security.

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