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   Nota di contenuto   Part 1: Security Systems -- Chapter 1. A Lightweight Security Protocol for IoT using Merkle Hash Tree and Chaotic Cryptography -- Chapter 2. A Quantitative Methodology for Business Process-based Data Privacy Risk Computation -- Chapter 3. Architectural Design Based Compliance Verification for IoT Enabled Secure Advanced Metering Infrastructure in Smart Grid -- Chapter 4. A Novel Approach to Human Recognition Based on Finger Geometry -- Chapter 5. Biometric Fusion System Using Face and Voice Recognition -- Part 2: Pattern Recognition and Imaging -- Chapter 6. A Multi-Class Image Classifier for Assisting in Tumor Detection of Brain Using Deep Convolution Neural Network -- Chapter 7. Determining Perceptual Similarity Among Readers Based on Eyegaze Dynamics -- Part 3: High Performance Computing -- Chapter 8. 2D

Qubit Placement of Quantum Circuits Using LONGPATH -- Chapter 9. Debugging Errors in Microfluidic Executions -- Chapter 10. Effect of Volumetric Split-Errors on Reactant-Concentration During Sample Preparation with Microfluidic Biochips.

Sommario/riassunto	This book features extended versions of selected papers that were presented and discussed at the 6th International Doctoral Symposium on Applied Computation and Security Systems (ACSS 2019) held in Kolkata, India on 12–13 March, 2019. Organized by the Departments of Computer Science & Engineering and A. K. Choudhury School of Information Technology, both from the University of Calcutta, the symposium's international partners were Ca' Foscari University of Venice, Italy and Bialystok University of Technology, Poland. The chapters cover topics such as biometrics, image processing, pattern recognition, algorithms, cloud computing, wireless sensor networks and security systems, reflecting the various symposium sessions.