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Nota di contenuto	Introduction -- Part 1: Advances in Legacy Technologies -- Advances in Fingerprint Technology -- Recognition-based on Eye Biometrics Iris and Retina -- 3D Hand Geometry Recognition -- Fundamentals and Advances in 3D Face Recognition -- Part 2: Emerging Technologies -- Advances in Key Stroke Dynamics-based Security Schemes -- Behavioral Biometrics Based on Human-Computer Interaction Devices -- Continuous Authentication Using Writing Style -- Facets and Promises of Gait Biometrics Recognition -- Online Signature-based Biometrics Recognition -- EEG-based Biometrics -- Part 3: Hybrid Technologies -- Multimodal Biometrics Invariant Fusion Techniques -- Biometrics Based on Healthcare Sensors -- Biometric Authentication for Wearables -- Cognitive Biometrics for User Authentication -- Finger Knuckle based multi-biometrics authentication systems -- Part 4:

	Enabling Technologies -- Leveraging Cloud-based Resources for Automated Biometric Identification -- Automated Biometric Authentication with Cloud Computing -- Biometrics Security and Internet of Things -- Part 5: Technology and Society -- Protecting the Integrity of Elections using Biometrics -- Ethical, Legal, and Social Implications of Biometrics Technologies -- Conclusion.
Sommario/riassunto	This book presents the latest developments in biometrics technologies and reports on new approaches, methods, findings, and technologies developed or being developed by the research community and the industry. The book focuses on introducing fundamental principles and concepts of key enabling technologies for biometric systems applied for both physical and cyber security. The authors disseminate recent research and developing efforts in this area, investigate related trends and challenges, and present case studies and examples such as fingerprint, face, iris, retina, keystroke dynamics, and voice applications . The authors also investigate the advances and future outcomes in research and development in biometric security systems. The book is applicable to students, instructors, researchers, industry practitioners, and related government agencies staff. Each chapter is accompanied by a set of PowerPoint slides for use by instructors.