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| Altri autori (Persone) | PlataniotisKonstantinos N Micheli-TzanakouEvangelia <1942-> BoulgourisNikolaos V |
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| Nota di contenuto | Preface -- Contributors -- 1. Discriminant Analysis for Dimensionality Reduction: An Overview of Recent Developments (Jieping Ye and Shuiwang Ji) -- 2. A Taxonomy of Emerging Multilinear Discriminant Analysis Solutions for Biometric Signal Recognition (Haiping Lu, Konstantinos N. Plataniotis, and Anastasios N. Venetsanopoulos) -- 3. A Comparative Survey on Biometric Identity Authentication Techniques Based on Neural Networks (Raghudeep Kannavara and Nikolaos Bourbakis) -- 4. Designing Classifiers for Fusion-Based Biometric Verification (Kritha Venkataramani and B. V. K. Vijaya Kumar) -- 5. Person-Specific Characteristic Feature Selection for Face Recognition (Sreekar Krishna, Vineeth Balasubramanian, John Black, and Sethuraman Panchanathan) -- 6. Face Verification Based on Elastic Graph Matching (Anastasios Tefas and Ioannis Pitas) -- 7. Combining Geometrical and Statistical Models for Video-Based Face Recognition (Amit K. Roy-Chowdhury and Yilei Xu) -- 8. A Biologically Inspired Model for the |

Simultaneous Recognition of Identity and Expression (Donald Neth and Aleix M. Martinez) -- 9. Multimodal Biometrics Based on Near-Infrared Face Recognition (Rui Wang, Shengcai Liao, Zhen Lei, and Stan Z. Li) -- 10. A Novel Unobtrusive Face and Hand Geometry Authentication System Based on 2D and 3D Data (Filareti Tsalakanidou and Sotiris Malassiotis) -- 11. Learning Facial Aging Models: A Face Recognition Perspective (Narayanan Ramanathan and Rama Chellappa) -- 12. Super-Resolution of Face Images (Sung Won Park and Marios Savvides) -- 13. Iris Recognition (Yung-Hui Li and Marios Savvides) -- 14. Learning in Fingerprints (Alessandra Lumini, Loris Nanni, and Davide Maltoni) -- 15. A Comparison of Classification- and Indexing-Based Approaches for Fingerprint Identification (Xuejun Tan, Bir Bhanu, and Rong Wang) -- 16. Electrocardiogram (ECG) Biometric for Robust Identification and Secure Communication (Francis Minhthang Bui, Foteini Agrafioti, and Dimitrios Hatzinakos) -- 17. The Heartbeat: The Living Biometric (Steven A. Israel, John M. Irvine, Brenda K. Wiederhold, and Mark D. Wiederhold). 18. Multimodal Physiological Biometrics Authentication (Alessandro Riera, Aureli Soria-Frisch, Mario Caparrini, Ivan Cester, and Giulio Ruffini) -- 19. A Multiresolution Analysis of the Effect of Face Familiarity on Human Event-Related Potentials (Brett DeMarco and Evangelia Micheli-Tzanakou) -- 20. On-Line Signature-Based Authentication: Template Security Issues and Countermeasures (Patrizio Campisi, Emanuele Maiorana, and Alessandro Neri) -- 21. Unobtrusive Biometric Identification Based on Gait (Xiayi Huang and Nikolaos V. Boulgouris) -- 22. Distributed Source Coding for Biometrics: A Case Study on Gait Recognition (Savvas Argyropoulos, Dimosthenis Ioannidis, Dimitrios Tzovaras, and Michael G. Strintzis) -- 23. Measuring Information Content in Biometric Features (Richard Youmaran and Andy Adler) -- 24. Decision-Making Support in Biometric-Based Physical Access Control Systems: Design Concept, Architecture, and Applications (Svetlana N. Yanushkevich, Vlad P. Shmerko, Oleg Boulanov, and Adrian Stoica) -- 25. Privacy in Biometrics (Stelvio Cimato, Marco Gamassi, Vincenzo Piuri, Roberto Sassi, and Fabio Scotti) -- 26. Biometric Encryption: The New Breed of Untraceable Biometrics (Ann Cavoukian and Alex Stoianov) -- Index.

Sommario/riassunto

An in-depth examination of the cutting edge of biometrics This book fills a gap in the literature by detailing the recent advances and emerging theories, methods, and applications of biometric systems in a variety of infrastructures. Edited by a panel of experts, it provides comprehensive coverage of: Multilinear discriminant analysis for biometric signal recognition Biometric identity authentication techniques based on neural networks Multimodal biometrics and design of classifiers for biometric fusion Feature selection and facial aging modeling for face recognition<l

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| 2. Record Nr. | UNINA9910959893803321 |
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| Sommario/riassunto | Kristina Bekenova presents a collection of interviews with fifteen African emerging leaders, young scholars and researchers, musicians, poets, artists, doctors, philanthropists, environmentalists, defenders of animal rights, tour operators, and treasurers of traditional culture, from the Democratic Republic of Congo, Ethiopia, The Gambia, Nigeria, Malawi, Rwanda, Somaliland, South Africa, South Sudan, and Zimbabwe. These interviews are an important, effective, and efficient way to make Africa's authentic voices heard. The interviewees explain what Africa needs most, what they are doing about it, what vision for Africa they have, and how they think their ideas can be implemented. They share genuine African bottom-up perspectives, voice their understanding of African natural and cultural issues, identify Africa's true needs, and formulate recommendations from an original African perspective. This book presents a unique opportunity to hear their message and to think more carefully about how we can help Africa along its developmental path. |

