

1. Record Nr.	UNINA990009973150403321
Autore	Agresti, Alan
Titolo	Foundations of linear and generalized linear models / Alan Agresti
Pubbl/distr/stampa	Hoboken : Wiley, 2015
ISBN	978-1-118-73003-4
Descrizione fisica	XIII, 444 p. : ill. ; 24 cm
Collana	Wiley series in probability and statistics
Disciplina	003.74
Locazione	FSPBC
Collocazione	VI E 1566 VI E 1567 VI E 1568
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910139535903321
Autore	Boulgouris Nikolaos V
Titolo	Biometrics : theory, methods, and applications // edited by Nikolaos V. Boulgouris, Konstantinos N. Plataniotis, Evangelia Micheli-Tzanakou
Pubbl/distr/stampa	Piscataway, New Jersey : , : IEEE Press, , c2010 [Piscataway, New Jersey] : , : IEEE Xplore, , [2009]
ISBN	1-282-37989-5 9786612379895 0-470-52235-6 0-470-52234-8
Descrizione fisica	1 online resource (763 p.)
Collana	IEEE Press series on computational intelligence ; 9
Altri autori (Persone)	PlataniotisKonstantinos N Micheli-TzanakouEvangelia <1942-> BoulgourisNikolaos V
Disciplina	006.4 570.1/5195
Soggetti	Biometry - Data processing Biometry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
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
