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Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics, , 3004-9954 ; ; 5372
Classificazione	BIO 110f DAT 750f DAT 760f DAT 770f SS 4800
Disciplina	006
Soggetti	Biometric identification Bioinformatics Computer vision Image processing - Digital techniques Information storage and retrieval systems Biometrics Computational and Systems Biology Computer Vision Computer Imaging, Vision, Pattern Recognition and Graphics Information Storage and Retrieval
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Biometric Data Quality -- Quality-Based Score Normalization and Frame Selection for Video-Based Person Authentication -- Face Quality Assessment System in Video Sequences -- On Quality of Quality Measures for Classification -- Definition of Fingerprint Scanner Image Quality Specifications by Operational Quality -- Biometrical Templates:

Face Recognition -- Modeling Marginal Distributions of Gabor Coefficients: Application to Biometric Template Reduction -- Bosphorus Database for 3D Face Analysis -- 3D Face Recognition Benchmarks on the Bosphorus Database with Focus on Facial Expressions -- Identity Management in Face Recognition Systems -- Discriminant Non-negative Matrix Factorization and Projected Gradients for Frontal Face Verification -- Biometrical Templates: Other Modalities -- Discrimination Effectiveness of Speech Cepstral Features -- Multimodal Speaker Identification Based on Text and Speech -- A Palmprint Verification System Based on Phase Congruency Features -- Some Unusual Experiments with PCA-Based Palmprint and Face Recognition -- An Empirical Comparison of Individual Machine Learning Techniques in Signature and Fingerprint Classification -- Promoting Diversity in Gaussian Mixture Ensembles: An Application to Signature Verification -- Biometric Attacks and Countermeasures -- Advanced Studies on Reproducibility of Biometric Hashes -- Additive Block Coding Schemes for Biometric Authentication with the DNA Data -- Template Protection for On-Line Signature-Based Recognition Systems -- Direct Attacks Using Fake Images in Iris Verification -- Biometric Interfaces, Standards and Privacy -- Evaluating Systems Assessing Face-Image Compliance with ICAO/ISO Standards -- Automatic Evaluation of Stroke Slope -- Biometric System Based on Voice Recognition Using Multiclassifiers -- POLYBIO:Multimodal Biometric Data Acquisition Platform and Security System -- Position Papers on Biometrics and Identity Management -- Nineteen Urgent Research Topics in Biometrics and Identity Management -- Biometrics for Identity Documents and Smart Cards: European Perspective -- Accessibility of Unsupervised Biometric Systems -- Nothing to Hide Biometrics, Privacy and Private Sphere.

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## Sommario/riassunto

This volume constitutes the post-conference proceedings of the First European Workshop on Biometrics and Identity Management, BIOID 2008, held in Roskilde, Denmark, during May 7-9, 2008. The 23 regular papers presented were carefully selected from numerous submissions. They cover the following topics: biometric data quality; biometrical templates - face recognition; biometrical templates -- other modalities; biometric attacks and countermeasures; biometric interfaces, and standards and privacy. These papers are presented together with 4 position papers by invited speakers on biometrics and identity management.

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