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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

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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