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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 recognitionBiometric identity authentication techniques based on neural networksMultimodal biometrics and design of classifiers for biometric fusionFeature selection and facial aging modeling for face recognition<l