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Titolo	Advanced Studies in Biometrics [[electronic resource]] : Summer School on Biometrics, Alghero, Italy, June 2-6, 2003. Revised Selected Lectures and Papers // edited by Massimo Tistarelli, Josef Bigun, Enrico Grosso
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Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (VIII, 164 p.)
Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 3161
Disciplina	006.4
Soggetti	Pattern recognition Optical data processing Management information systems Computer science Computer graphics Pattern Recognition Image Processing and Computer Vision Management of Computing and Information Systems Computer Graphics
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	Combining Biometric Evidence for Person Authentication -- Combining Biometric Evidence for Person Authentication -- Biometric Gait Recognition -- A Tutorial on Fingerprint Recognition -- Spiral Topologies for Biometric Recognition -- Statistical Learning Approaches with Application to Face Detection -- Hand Detection by Direct Convexity Estimation -- Template-Based Hand Detection and Tracking -- Student Papers -- 3D Face Recognition Using Stereoscopic Vision -- Selection of Location, Frequency, and Orientation Parameters of 2D Gabor Wavelets for Face Recognition -- A Face Recognition System Based on Local Feature Characterization -- Influence of Location over Several Classifiers in 2D and 3D Face Verification.
Sommario/riassunto	Automatic person authentication, the identification and verification of

an individual as such, has increasingly been acknowledged as a significant aspect of various security applications. Various recognition and identification systems have been based on biometrics utilizing biometric features such as fingerprint, face, retina scans, iris patterns, hand geometry, DNA traces, gait, and others. This book originates from an international summer school on biometrics, held in Alghero, Italy, in June 2003. The seven revised tutorial lectures by leading researchers introduce the reader to biometrics-based person authentication, fingerprint recognition, gait recognition, various aspects of face recognition and face detection, topologies for biometric recognition, and hand detection. Also included are the four best selected student papers, all dealing with face recognition.
