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Edizione	[1st edition]
Descrizione fisica	1 online resource (337 p.)
Collana	Digital signal and image processing series
Altri autori (Persone)	Nait-AliAmine FournierRegis
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Soggetti	Biometric identification Image processing Signal processing
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction to biometrics -- Introduction to 2D face recognition -- Facial soft biometrics for person recognition -- Modeling, reconstruction, and tracking for face recognition -- 3D face recognition -- Introduction to the iris biometrics -- Voice biometrics : speaker verification and identification -- Introduction to hand biometrics -- Hidden biometrics -- Performance evaluation of biometric systems -- Classification techniques for biometrics -- Data cryptography -- Visual data protection -- Biometrics in forensics.
Sommario/riassunto	The aim of this book is to deal with biometrics in terms of signal and image processing methods and algorithms. This will help engineers and students working in digital signal and image processing deal with the implementation of such specific algorithms.It discusses numerous signal and image processing techniques that are very often used in biometric applications. In particular, algorithms related to hand feature

extraction, speech recognition, 2D/3D face biometrics, video surveillance and other interesting approaches are presented. Moreover, in some chapters, Matlab codes are provide

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