

1. Record Nr.	UNINA9910350307503321
Titolo	Biometrics under Biomedical Considerations // edited by Amine Nait-Ali
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2019
ISBN	981-13-1144-7
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (vii, 290 pages)
Collana	Series in BioEngineering, , 2196-8861
Disciplina	570.15195
Soggetti	Biomedical engineering Biometry Signal processing Image processing Speech processing systems Pattern perception Biomedical Engineering and Bioengineering Biometrics Signal, Image and Speech Processing Pattern Recognition
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction to Biometrics in clinical environment -- Newborn footprint identification -- Newborn Palmpprint identification -- Face recognition in healthcare -- Fingerprint in healthcare -- Face Recognition and plastic surgery -- Effect of ageing on face analysis -- Face Ageing under health and behavioral conditions.-Iris Recognition by considering pathological cases -- Influence of skin disease on fingerprints -- Veins Pathologies in biometrics.
Sommario/riassunto	This book addresses biometrics from a biomedical engineering point of view. Divided into five sections, it discusses topics including the influence of pathologies on various biometric modalities (e.g. face, iris, fingerprint), medical and security biometrics, behavioural biometrics, instrumentation, wearable technologies and imaging. The final chapters also present a number of case studies. The book is suitable for

advanced graduate and postgraduate students, engineers and researchers, especially those in signal and image processing, biometrics, and biomedical engineering.
