

1. Record Nr.	UNINA9910139390003321
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Titolo	Behavioral biometrics : a remote access approach // Kenneth Revett
Pubbl/distr/stampa	West Sussex, England : , : Wiley, , 2008 ©2008
ISBN	9786611841362 1-281-84136-6 0-470-99793-1 0-470-99794-X
Descrizione fisica	1 online resource (vi, 244 p. ) : ill
Disciplina	006.4
Soggetti	Biometric identification - Data processing Electronic books.
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	1. Introduction to Behavioral Biometrics. 1.1 Introduction. 1.2 Types of Behavioral Biometrics. 1.3 The Biometric Process. 1.4 Validation Issues. 1.5 Relevant Databases. 1.6 International Standards. 1.7 Conclusions. 1.8 Research Topics. 2. Voice Identification . 2.1 Introduction. 2.2 Case Studies in Speaker-Dependent Voice Recognition. 2.3 Standards. 2.4 Conclusions. 2.5 Research Topics. 3. Signature Verification . 3.1 Introduction. 3.2 Off-Line Signature Verification. 3.3 Online Signature Verification. 3.4 Signature Verification Standards. 3.5 Conclusions. 3.6 Research Topics. 4. Keystroke Dynamics. . 4.1 Introduction. 4.2 Attribute Selection Process. 4.3 The Enrollment Process. 4.4 Generation of the Reference Profile. 4.5 Case Studies. 4.6 Standards. 4.7 Conclusions. 4.8 Research Topics. 5. Graphical-Based Authentication Methods. . 5.1 Introduction to the Graphical Authentication Approach. 5.2 Recognition-Based Techniques. 5.3 Recall-Based Techniques. 5.4 Multi-Image Graphical Password Systems. 5.5 Conclusions. 5.6 Research Topics. 6. Mouse Dynamics. . 6.1 Introduction. 6.2 Case Studies. 6.3 Conclusion. 6.4 Research Topics. 7. Multimodal Biometric Systems . 7.1 Introduction to Multimodal Biometrics. 7.2 Fusion Framework Approaches. 7.3 Case Studies. 7.4 Continuous Verification.

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Sommario/riassunto

'Behavioural Biometrics' provides a thorough analysis of current technologies. Emphasising the brain computer interface, and the cognitive aspects involved in biometrics, the book reviews recent research in the field, and includes real data comparing actual implementations as well as research-based implementations.

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