

Biometric recognition--the automated recognition of individuals based on their behavioral and biological characteristic--is promoted as a way to help identify terrorists, provide better control of access to physical facilities and financial accounts, and increase the efficiency of access to services and their utilization. Biometric recognition has been applied to identification of criminals, patient tracking in medical informatics, and the personalization of social services, among other things. In spite of substantial effort, however, there remain unresolved questions about the effectiveness and management of systems for biometric recognition, as well as the appropriateness and societal impact of their use. Moreover, the general public has been exposed to biometrics largely as high-technology gadgets in spy thrillers or as fear-instilling instruments of state or corporate surveillance in speculative fiction. Now, as biometric technologies appear poised for broader use, increased concerns about national security and the tracking of individuals as they cross borders have caused passports, visas, and border-crossing records to be linked to biometric data. A focus on fighting insurgencies and terrorism has led to the military deployment of biometric tools to enable recognition of individuals as friend or foe. Commercially, finger-imaging sensors, whose cost and physical size have been reduced, now appear on many laptop personal computers, handheld devices, mobile phones, and other consumer devices. *Biometric Recognition: Challenges and Opportunities* addresses the issues surrounding broader implementation of this technology, making two main points: first, biometric recognition systems are incredibly complex, and need to be addressed as such. Second, biometric recognition is an inherently probabilistic endeavor. Consequently, even when the technology and the system in which it is embedded are behaving as designed, there is inevitable uncertainty and risk of error. This book elaborates on these themes in detail to provide policy makers, developers, and researchers a comprehensive assessment of biometric recognition that examines current capabilities, future possibilities, and the role of government in technology and system development.

An Odyssey through History: The First Journey (Volume 1), Clairvoyance for Psychic Empowerment: The Art & Science of Clear Seeing Past the Illusions of Space & Time & Self-Deception (Personal Empowerment Books), Elements of analytic trigonometry, plane and spherical, Flokken (et liv med personlighedsspaltning) Danish Edition The Flock Book I & II, ????????????????? (Basic Introduction to Go),

*Biometric Recognition: Challenges and Opportunities*. The National Academy of Sciences is a private, nonprofit, self-perpetuating society of distinguished. Request PDF on ResearchGate *Biometric Recognition: Challenges and Opportunities* Biometric recognition--the automated recognition of individuals based. Custom notification of new releases in your field of interest Special offers and discounts NOTICE: The project that is the subject of this report was approved by. *Biometric Recognition. Challenges and Opportunities*. National Research Council (US) Whither Biometrics Committee; Editors: Joseph N. Pato and Lynette I.

Get this from a library! *Biometric recognition: challenges and opportunities*. [Lynette I Millett; Joseph N Pato; National Research Council (U.S.). Whither. *Biometric Recognition: definition, challenge and opportunities of biometric recognition systems*. The evolution of cyber threats is increasingly. Furthermore, we employed traditional modalities of PIN and pattern in order to check if biometric recognition is indeed a real improvement.

widespread usage of biometric person identification is being blocked by our lack of . commercial positive recognition applications that may work either in the. **CHALLENGES AND OPPORTUNITIES. COMPUTER SCIENCE AND TELECOMMUNICATIONS**

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