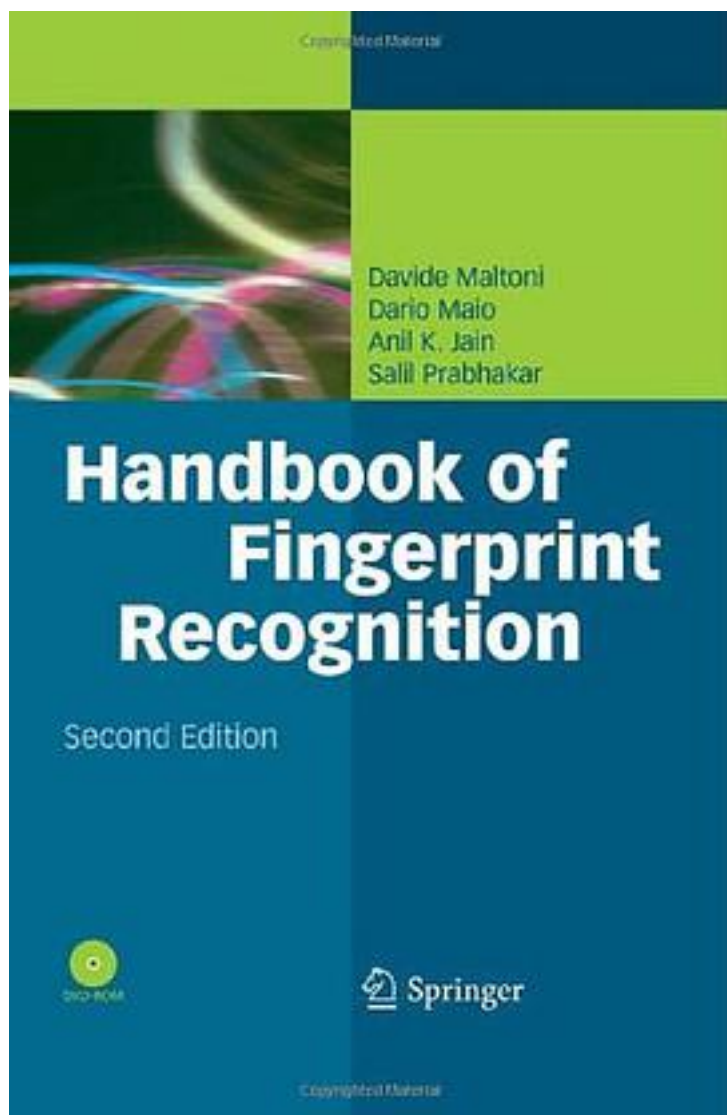


Handbook of Fingerprint Recognition



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With their proven individuality and stability over time, fingerprints continue to be the most widely used physiological characteristic in systems that automatically recognize a person's identity. This handbook on automatic fingerprint recognition provides in-depth coverage of the most recent advances and practices. Readers will find comprehensive and authoritative coverage of all the major concepts, topics, and security methods associated with fingerprint recognition systems. The coverage includes sensing, feature extraction and matching, synthetic fingerprint image generation, indexing, and multimodal systems. The following are the features and benefits: it covers the latest research in fingerprint-based recognition algorithms and techniques; provides introductory material on all components and modules of a fingerprint recognition system; examines design of secure fingerprint systems; contains helpful chapter overviews and summaries and consistent notation, for ease of use and accessibility; includes a DVD containing both the FVC2002 and FVC2000 fingerprint databases (full versions) and a demo version of SFinGe software (for synthetic fingerprint image generation); integrates numerous supporting graphs, tables, charts, and performance data; and supplies an extensive annotated bibliography of citations and literature sources. This comprehensive and authoritative reference, written by leading international researchers, covers all critical aspects of fingerprint security systems and technology. It is an absolutely essential resource for all biometric security professionals, researchers, practitioners, developers, and systems administrators.

作者介绍:

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评论

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书评

整个技术框架的讲解比较细致深入，基本上把所有部分都讨论到了。
文献的总结和归纳做的也比较出色，相关的好文章都列了出来，更为可贵的是将重要算法思想都总结了出来，这对于读者来说十分有用。
对当前存在的问题及分析也比较全面，几乎所有方面都有涉及，如果以后有什么想法...

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