Abstract

Fingerprint characteristic of every human are unique and stable, therefore widely accepted for personal identification. Online and real time applications require minimum response time for the matching process. In this paper an enhanced algorithm is introduced to make the matching process rotational invariant. The proposed algorithm is robust to match two identical fingerprint images which are spatially aligned at different rotational angles and gives better FMR and FNMR ratio for images rotated at different angles.

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Enhanced Rotational Invariant Fingerprint Matching Algorithm based on Minutiae

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Index Terms

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