# A fast and distortion tolerant hashing for fingerprint image authentication

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Abstract: Biometrics such as fingerprint, face, eye retina, and voice offers means of reliable personal authentication is now a widely used technology both in forensic and civilian domains. Reality, however, makes it difficult to design an accurate and fast biometric recognition due to large biometric database and complicated biometric measures. In particular, fast fingerprint indexing is one of the most challenging problems faced in fingerprint authentication system. In this paper, we present a specific contribution to advance the state of the art in this field by introducing a new robust indexing scheme that is able to fasten the fingerprint recognition process. ?? 2009 Springer-Verlag Berlin Heidelberg.

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