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ROBUST PERSON IDENTIFICATION SYSTEM USING IRIS

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Abstract

Human iris provides a unique structure suitable for non-invasive biometric assessment. In particular the irises are as distinct as fingerprints even for twins. In this paper a robust system for person identification is presented that uses a technique of localization, alignment, feature extraction, matching the features of irises and finally the decision regarding the degree of match. A CASIA iris database of iris images has been used in the implementation of the iris recognition system. The results show that proposed method is quite effective.

Keywords: Iris recognition, LOG, Iris Localisation