

HUMAN IDENTIFICATION BASED ON FINGER VEINS- A REVIEW

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ABSTRACT

Finger vein is an important biometric technique for personal identification and authentication. The finger vein is a blood vessel network under the finger skin. The network pattern is distinct for each individual, unaffected by aging and it is internal. i.e, inside human skin which can always guarantee more security authentication. In this proposing study to an analysis of different techniques for Finger vein feature extraction. The basic and important principle, different feature extraction techniques and performance measuring are briefly analyzed. Most of the existing work is functionally described and compared in three parts, i.e. Finger vein image acquisition, pre-processing and feature extraction.

KEYWORDS: Image Acquisition Device, Preprocessing, Feature Extraction, Finger-Vein Biometrics