

HUMAN IDENTIFICATION WITH PALM PRINT BASED ON LOCAL BINARY PATTERN AND CO-OCCURRENCE MATRIX

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ABSTRACT

In this paper an efficient method based on local binary and co-occurrence matrix implemented on palm print images. Combination methods in the features level are divided into four categories: series combination, parallel combination, weight combination, and core-based combination. In order to identification by a person's palm lines, the lines must be properly extracted. One-way to define these lines are using different methods of edge detection. Sobel edge detection and Morphological operation are used in. In this paper, for the complete extraction of useful features from an appearance, a simple but powerful method a uniform local binary pattern to the identification of palms are expressed because this method can pull out all the useful information of an appearance.

KEYWORDS: *Series Combination, Parallel Combination, Weight Combination and Core-Based Combination*