

Palm Print Database Collection System

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Abstract: *Contactless biometric palm print recognition technology has attracted increased attention due to the covid-19 pandemic. Many dual camera based sensors have been proposed to capture palm vein and palm print image synchronously. However, translations between captured palm print images differ depending on the distance between the hand and the sensor. A biometric palm image Alignment method is proposed based on the imaging and ranging model. A palm print refers to an image acquired of the palm region of the hand. Palm print image enhancement is required for better feature extraction. To extract fine features enhancement is required. Fine features increase the accuracy of palm print recognition system. The main purpose of this review paper is to study and compare various palm print recognition techniques in terms of performance, accuracy, overheads and Peak Signal to Noise Ratio (PSNR).*

Keywords: Biometric, Authentication, Palm print identification, verification

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