



Palmpoint Authentication by Discrete Orthonormal Stockwell Transform

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | In modern e-world, various types of biometric systems are developed. The Palmpoint recognition system is one of the emerging technologies because of its stability, unique characteristics, low-price capture device, and fast execution speed. It provides a large area for feature extraction. The Palmpoint consists of principal lines, wrinkles (secondary lines) and epidermal ridges. It contains other features such as texture, indents and marks. These features can be used to compare a palmpoint with the palmpoint. The main drawback of the Stockwell Transform (ST) is the amount of information redundancy in its resulting time-frequency representation. The DOST is proposed to improve the computational efficiency of ST. The DOST technique accelerates the calculation and eliminates the redundancy in the space-frequency domain. | Format: Paperback | Language/Sprache: english | 68 pp.



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