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Proposed Algorithm. It is very well known

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Computational Algorithms for Fingerprint Recognition presents an entire range of novel computational algorithms for fingerprint recognition. These include feature extraction, indexing, matching, classification, and performance prediction/validation methods, which have been compared with state-of-art algorithms and found to be effective and efficient on real-world data.

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The algorithm uses 41% of the original fingerprint image for recognition and reduces more than 60% of the computations for detecting the singularity point (SP). Analytical results have shown that the CEFAR maintains high accuracy over benchmark algorithms, EER less than 5% and average accuracy improvement is 337.7%, together with dramatic reduction in computation steps, leading to an efficient ...

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A facial recognition system is a technology capable of matching a human face from a digital image or a video frame against a database of faces. Researchers are currently developing multiple methods in which facial recognition systems work. The most advanced face recognition method, which is also employed to authenticate users through ID verification services, works by pinpointing and measuring ...

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