Abstract

In this paper, we proposed a new fast technique of face authentication based on extraction of a simple statistical features derived from the image of face. Once the feature vector is extracted, we comparing it with the feature vector of face which is authenticated, and we calculated the error rates in the two sets of validation and test for the data base XM2VTS.
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according to the protocol of Lausanne. The experimental results indicate the reliability, feasibility and efficacy of the proposed method. Moreover, compared to PCA, LDA and EFM, the proposed technique is very quicker to compute.

Reference

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Index Terms

Computer Science  
Computer Vision

Key words

statistical pattern recognition  
feature extraction

Eigenfaces

Fisherfaces

authentication of face