Abstract

Face Recognition is used in order to ensure authentication in terms of feature verification. Techniques are defined to identify faces under different situations. This paper conducts a survey of techniques which are available for face detection. Recognition is possible in case features are extracted from the presented face images. For this purpose feature extraction mechanisms like discrete wavelet transformation (DWT), SIFT, linear discriminate analysis (LDA), principal component analysis (PCA) are commonly used. Analysis process indicates that hybrid approach with discrete wavelet transformation produces better results. Comparative study of literature is also presented through this work.

References

2. Y. I. Abramovich, O. Besson, S. Member, B. A. Johnson, and S. Member, “Conditional expected likelihood technique for compound Gaussian and Gaussian distributed noise
mixtures," no. c, pp. 1–12, 2016.
6. P. Dave and M. Tech, “Study and Analysis of Face Recognition system using Principal Component Analysis ( PCA ).”

Index Terms

Computer Science Information Sciences

Keywords
Face Recognition, Feature Extraction, DWT, SIFT, LDA, PCA.