Abstract

Face recognition is very important in computer vision. For human being it is easy to identify human face in any posture but it is not an easy task for systems. Feature extraction is useful technique for recognizing faces through systems. It is used for security, criminal records or identification, verification of person, etc. In face images there are variety of face posture. The question is, How to recognize the face? In this paper, discuss certain approaches for face recognition by using feature extraction along with the issues and the recommendations as to which approach is better and suitable.

References

- IS THERE ANY HOPE FOR FACE RECOGNITION?, Luis Torres, Technical University of Catalonia, Barcelona, Spain.
- Teja, G. P.; Ravi, S., "Face recognition using subspaces techniques", Recent Trends In Information Technology (ICRTIT), 2012 International Conference.
- Liu Zunxiong; Zeng Lihui; Zhang Heng, "Appearance-Based Subspace Projection..."


- Rajkumar, N. ; Vijayakumar, S. ; Murukesh, C "Intellectually combined face recognition using curvelet based principal component analysis for feature extraction and Bayesian Classifier"; Signal Processing, Communication, Computing and Networking Technologies (ICSCCN), 2011 International Conference, Page(s): 374 – 378.

- Xiaozhe Wang; Jinping Wang; Chenyang Li "Studies on human face recognition based on greedy kernel principal component analysis"; Control and Decision Conference (CCDC), 2012 24th Chinese, Year: 2012, Page(s): 1446 – 1449.


- Bellakhdhar, F. ; Bousselmi, M. ; Abdid, M. "Face identification using the magnitude and the phase of Gabor wavelets and PCA"; Multimedia Computing and Systems (ICMCS), 2012 International Conference, Publication Year: 2012, Page(s): 244 – 249.


**Index Terms**

Computer Science  
Pattern Recognition

**Keywords**

Features Extraction  
Face Recognition  
Issues  
Recommendations