Abstract

Research scholars have found face recognition as an important area for their work because our face is a combination of various features (facial features) like the eyes, ears, nose etc. Various
research works have been also carried out in this area. This paper focuses on a brief survey over the currently employed techniques of face recognition along with their advantages and disadvantages applications and constraints. Some of the most general methods include Eigenface (Eigenvectors or PCA), Neural Networks, Geometric Based Template Matching approaches etc. Further this paper performs an analysis on these face recognition approaches in order to constitute face representations. This survey also deals with the factors affecting the recognition processes, recognition rates and other features that affect the face detection and face recognition techniques.

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Index Terms

Computer Science   Image Processing

Keywords

Hci  face Recognition  Eigen Faces  Pca  neural Networks  Geometric Based
Template Matching.