A MODIFIED APPROACH FOR FACE RECOGNITION USING EIGEN VALUES

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Abstract

Face recognition is interesting to study because it is an application area where computer vision research is being utilized in both military and commercial products. The main purpose of this paper is to develop new algorithms which is insensitive to large variation in lighting direction in image identification. In this we use eigen values for pattern classification each pixel in an image as a coordinate in a high dimensional space. We take advantage of the observation that the Images of a particular image, under varying illumination, Image recognition under variation in lighting and different orientations.