Abstract

Face Recognition is a computer application that is drawing much attention in the computer society in the areas like network security, privacy, video conferencing and content indexing and retrieval. These systems should be able to correctly detect and recognize different faces from the images. Many face recognition algorithms have been proposed that help faces to be identified on systems. The aim of the proposed system is to improvise by extracting the face region before feature extraction is done. Any image will be subjected to different lightening positions and intensities. Hence the system recognizes the face region using YCbCr color space. This paper also compares the results of different transform domain techniques applied further in the process.
Face Detection and Recognition in Digital Images using Transform Domain Techniques


Index Terms

Computer Science

Image Processing

Keywords

Face Detection  Skin Detection  Transform Domain Techniques