A Review Paper on Facial Detection Technique using Pixel and Color Segmentation

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Abstract

In this paper a review is being carried out in the field of facial recognition and automatic human face detection. It has become a very popular tool in wide spaces of applications including the criminal investigation department in the forensic sciences along with the presentation of a biometric tool for the users to provide their unique identity. The databases for the face detection are a more genuine and easily accessible tool in carrying out the identification aspect when we don’t have enough evidences for the fingerprint collection. A review has been made in this field while considering the pixel operation and color segmentation based approach.

References

- Michael Padilla and Zihong Fan, "EE368 Digital Image Processing Project-
Automatic Face Detection using Color Based Segmentation and Template/Energy Thresholding, Department of Electrical engineering, EE368, Stanford University.

Index Terms

Computer Science  Image Processing

Keywords

Face Detection  Color Space  Support Vector Machine  Facial Feature Area
Criminal Justice Application
Gender Classifications