Abstract

In today’s digital world the major issue is authentication and identification. In authentication and identification the significant role is face detection. In real time application, face detection has become a challenging and interesting area. In last few year number of algorithm have been developed for face detection. In this paper, for different color model like RGB, YCbCr, HSI,CIELAB, are explained and different face detect method for all these color models are reviewed. In binary image method of face detection included LBP, PCA. This review have investigates all these methods with parameters like range, advantage and disadvantage.

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**Index Terms**

Computer Science  
Image Processing
Keywords

Face, Skin Color, Segmentation, LBP.