A Review of various Face Prediction Models using Image Processing

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Abstract

Out of all body parts face is one of the most important part of body by which everyone can show its emotions, feelings etc. Most of the humans can easily predict a person’s current age just by gazing their faces. Facial recognition is a part of biometric software application which is used to identify a particular and individual thing in an image by analysis and evaluation of patterns. There are various face prediction models which are based on different techniques like PCA, ANN etc. Age plays an important role to predict the face of any person. Most of the models are built on the basis of age parameter. Recently, image processing has played a major role in this area of research and has widely used for the face prediction. These ages based models have various useful applications like security purpose, to find a missing person. This paper presents a survey of various face prediction systems using image processing techniques in recent times. A comprehensive study of a number of face prediction systems are done in this paper, with different methodologies and their performances.

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**Index Terms**

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**Keywords**
Face prediction, PCA, ANN, image processing, face recognition.