Facial Wrinkles Detection Techniques and its Application

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Abstract

Face recognition is process of identifying or verifying individual person by their face. One of the most important sources of the information is human face which can be intended for personal verification and identification of individual person. Wrinkles play an essential role in age estimation. They have been commonly used in applications, such as face age estimation, facial retouching and facial expression recognition. Facial wrinkles present 3D form of skin and appear as skillful discontinuities or cracks in surrounding skin texture. There are different techniques present for facial wrinkles detection. This paper presents the study and review of various techniques used in wrinkle detection. This paper is motivated by need of fast and robust algorithm for detection and classification of human age and facial retouching.

References


**Index Terms**

Computer Science  
Image Processing

**Keywords**

Age Classification, Face Recognition, Face Detection methods, Feature Extraction techniques, Wrinkle Detection.