Abstract

The process of Face Recognition comprises of Face Detection, feature extraction and verification or identification. The extraction and identification are stages in the FR process. Many face recognition algorithms have been developed. This has resulted in development of manifold robust techniques such as background removal, illumination normalization and others which support the algorithm to withstand the undesirable effects and improve the success rate. This paper provides a survey and method for face pose estimation. This method is based on feature extraction points of two different face poses and then matched points between these two face poses will give the results. This method is one of the simplest methods for low resolution images.

References

1. Yang, Jiaolong, Wei Liang, and Yunde Jia. "Face pose estimation with combined 2D and 3D HOG features." Pattern Recognition (ICPR), 2012 21st International Conference on. IEEE,
Human Face Pose Estimation based on Feature Extraction Points

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Index Terms

Computer Science Image Processing
Keywords

Feature extraction, low resolution, roll, pitch, yaw, orientation.