Abstract

This paper presents a novel approach for the detection of emotions in highly corrupted noisy environment. The approach involves removal of noise from the image by the Wiener Filter. An automatic system for the recognition of facial expressions is based on a representation of the expression, learned from a training set of pre-selected meaningful features. However, in reality the noises that may embed into an image document will affect the performance of face recognition algorithms. Images will be tested from database in noisy environment of speckle noise. The proposed method uses Wiener Filter for the removal of noise.

References

- Gukturk S B et.al (2001), A Data-Driven Model for Monocular Face Tracking,” Eighth International Conference on Computer Vision (ICCV'01) - Volume 2

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