Abstract

This paper presents a new approach for the removal of noise from the face images. The approach involves removal of noise from the image by cascading the Mutation based bacteria foraging technique with wiener filter. In reality, the noises that may embed into an image document will affect the performance of face recognition algorithms. Noises are of two types: additive and multiplicative noise. Speckle noise is multiplicative noise, so it’s difficult to remove the multiplicative noise as compared to additive noise. Face images will be tested from the database in noisy environments of speckle noise. The proposed method uses Wiener Filter and Mutation based bacteria Foraging technique (MBFO) has to be used for the removal of speckle noise.
noise.

References

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Index Terms

Computer Science

Engineering and Technology
Keywords
Wiener Filter  median filter  speckle noise