Abstract

The process of recovering image from corrupted state is called restoration. In this paper, the combination of the neighbor based reference model and non-reference image matrix enhancement is proposed for the enhancement of the results. In this paper the restoration with image missing pixel recovery and recreation is done and non-reference restoration enhancement method is used to recover the pixel expansion problem. Then image is more enhanced by using Histogram. The experimental results have been executed over the grayscale standard images of the Lena and Barbara. The results have shown that the proposed model outperforms the existing models when evaluated on the basis of peak signal to noise ratio and mean squared error.

References

Hybrid Adaptive Image Restoration Method with Pixel Block Estimation and Histogram Equalization

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Index Terms

Computer Science Image Processing

Keywords

Image enhancement, contrast enhancement, noise elimination, contrast adjustment.