Abstract

Image restoration is to enhance the image quality which is blurred and noised from various defects which damage the quality of an image. The most degradation is done in motion blur and noise defects as shown in the results. This introduces and implements the computing methods used in the image processing world to restore images as well as improve the quality by threshold. In order to know the detailed information carried in the digital image for better visualization. The aim is to provide information of image degradation and restoration process by various filters such as wiener filter, blind convolution and wavelet techniques are used in experiments in this paper will be presented as followed by MATLAB simulation results. Weiner filter gives maximum PSNR value and minimum MSE value in dB comparable to other techniques for image restoration.

References

Computation Pre-processing Techniques for Image Restoration


Mrs. C. Mythili and Dr. V. Kavitha. Efficient Technique for Color Image Noise Reduction The Research Bulletin of Jordan ACM, Vol. II (III)


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