

Abstract Details

Title: A Study on Different Image Enhancement Approaches

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Abstract: One of the major aspect as well as requirement of image processing is image enhancement. Image enhancement is required when we have an improper image in terms of brightness, contrast, blur, noise etc. In such case we need to perform some filtration process to enhance the quality of image. The present work is focused on the image enhancement in case of noising. In this work we have mainly worked with Gaussian noise. In this present work, image denoising using adaptive median filter is defined. The work is based on the adaptive implementation of filter. It means at first the analysis will be performed to identify the major areas where the image is having the noise. Based on the analysis the median filter will be implemented in selected area.

Keywords: Image Enhancement, Gaussian, Sharpening, De-noising.