Abstract

Image restoration is the process of restoring degraded images which cannot be taken again or the process of obtaining the image again is costlier. We can restore the images by prior knowledge of the noise or the disturbance that causes the degradation in the image. Image restoration is done in two domains: spatial domain and frequency domain. Image can provide an insight for filtering operations. After the filtering, the image is remapped into spatial domain by inverse Fourier transform to obtain the restored image. Restoration efficiency was checked by taking signal to noise ratio (snr) and mean square error (mse) into considerations.

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Index Terms

Computer Science Image Processing
Keywords

Restoration, De-blur, De-convolution, Filtering, Noise.