Abstract

In this study we present a novel approach on a color image refocusing and defocusing. In detail, the proposed method can accomplish the tasks of color image refocusing and defocusing. Our proposed method is thus a process of recovering the original color image from the degraded color image observations. This approach has the advantage of canny edge detection process for preserving the sharp Edges and lines of color images for restoring the blurred color image. Blind deconvolution algorithm is used to blurred images where image recovery process has been performed with little or no prior knowledge of the degrading point spread function.

References

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**Index Terms**

Computer Science

Image Processing
Keywords

Defocusing  Partial Occlusion  Refocusing  Deconvolution  Noise reduction