Abstract

Images are a kind of real world data representation using a mathematical model. Images include the object definitions by storing the color values in an image matrix. During the image capturing, storage and transmission some of the information can be corrupted. Therefore image inpainting methods are utilized to recover the actual information which corrupted. This paper presents different approaches that are frequently used for color image inpainting. In addition of that a new approach for enhancing the traditional approach is also presented. The implementation of traditional approach of image inpainting is performed using the MATLAB simulation and their results are reported. According to the obtained results the performance of the proposed image inpainting technique is found optimum and efficient in terms of computational cost.

References


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