Abstract

Image in-painting refers to a technique used for refill the missing regions of an image and recover the corrupted image. Image in-painting or completion is a technique to restore a damaged image completely. In-painting approaches play an important role in numerous applications like object deletion, scratch deletion, Image restoration etc. Two classes of algorithms addressed this problem, these classes are: (i) Texture synthesis algorithms for creating large image regions from sample textures, and (ii) In-painting techniques for filling in small image region or gap. Various strategies have been proposed different Exemplar-based image in-painting algorithms to recover the structure of damaged images. This paper introduces a novel and efficient exemplar based Image In-painting Algorithm with investigating natural image patches. It contain in-painting techniques with respect to restoration of image. The goal of any image in-painting algorithm is to reconstruct the missing or damaged regions.

References
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**Index Terms**

Computer Science

Image Processing

**Keywords**

In-painting, super-resolution, Image Processing, Exemplar-based in-painting.