Abstract

This paper introduces combination of two image processing techniques i.e. Inpainting and Super resolution. It consist of performing inpainting on input image using Enhanced Exemplar
based algorithm and then converting it into high resolution using Single frame super resolution algorithm. Enhanced exemplar based algorithm fills selected target region with suitable patches from the surrounding image area. Once the input image is inpainted, it is then converted to high resolution using single frame super resolution algorithm. The single frame super resolution algorithm used in this approach does not require a predefined training set thus increasing its performance for its practical use.

References


Index Terms

Computer Science
Image Processing
Keywords
Inpainting  Superresolution  Single Frame Superresolution  Exemplar Algorithm