Abstract

Due to the limitation of image capturing technique, we often get low resolution (LR) images. We can construct high resolution (HR) images from one or more LR images and this method is called Super Resolution (SR). In this paper we have proposed one lifting based super resolution algorithm which generate super resolution image from three rotated, noisy and blurred images. We have used HAAR wavelet lifting scheme and ASWDR encoding method. To remove noise and blur from original images we have applied Gaussian filter and Iterative Blind Deconvolution (IBD) algorithm.

References

Index Terms

Computer Science  Image Processing

Keywords

Resolution  Restoration  Wavelet lifting scheme