A Comparative Analysis of Different Techniques for removing Artifacts from Graphical Images

Abstract

In graphical images after compression there are certain problems arises like blocking artifacts, removal of information etc. Blocking artifacts degrades the images by making regular blocks in images. The image will not appear smooth. In this paper we are making comparison between different image processing techniques like spatial filtering, localized and Adaptive. The comparison is made on the basis of different parameters like mean square error, peak signal to noise ratio, bit error rate and the visibility of image. Out of these techniques adaptive technique shows good results. It smoothes the artifacts more in comparison to others.

References

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A Comparative Analysis of Different Techniques for removing Artifacts from Graphical Images

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Index Terms

Computer Science  Signal Processing

Keywords

Block Discrete Cosine Transforms  Blocking Artifacts  PSNR  BER And MSE