Abstract

This paper designs a technique that hides the text in an image such that the modified (stego) image has the same or enhanced quantized variance as compared to the original image. The algorithm hides the text in the higher frequency component of the transformed image only if the image quantized variance needs the improvement at that pixel. This results in the enhanced image with hidden data. The results are analyzed over various images by using the parameters like PSNR, MSE and the quantized variance.

References

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**Index Terms**

Computer Science  
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**Keywords**

Quantization error, PSNR, jpeg, stego image.