

Abstract Details

Title: HSV Space based Color Enhancement

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Abstract: In this paper, the image enhancement using HSV color space is done. In the existing work only V component is changed while the H and S component of the HSV format remains the same. In the proposed work the S component remains the same as any change in the s component changes the image color. The h component of the image is changed in the proposed system. The DWT of the h and v component is taken that divide these components in approximation and the detailed part. The approximation and detailed are enhanced separately for the both components. Then inverse DWT is used to combine these parts. Finally we get enhanced image by converting the image in to RGB format. The change in the H component enhances the color the image.

Keywords: Image Enhancement, DWT, RGB, HSV, PSNR.