

Abstract Details

Title: Image Enhancement and its Techniques: A Survey

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Abstract: Image Enhancement is the processing of image to enhance some features of an image. Enhancement of image is basically improving the perception of information or interpretability in images for human viewers and providing better input for other automated image processing techniques. The image acquired from natural environment with high dynamic range includes both bright and dark regions. Due to increase in dynamic range of eyes sensing of human, those images are very difficult to perceive by eyes of human. Image enhancement is a technique to improve the quality of such images and modify attributes of an image to make it more suitable for a given task and specific spectator. It sharpens boundaries, edges, contrast for making display of image more helpful for analysis and display. This paper surveys on image enhancement and its various techniques.

Keywords: Enhancement, Spatial, Domain based techniques.