

Abstract Details

Title: Contrast Enhancement by Using Region Growing

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Abstract: Image Enhancement (IE) transforms images to provide better representation of the subtle details. This is an indispensable tool for researchers in a wide variety of fields including (but not limited to) medical imaging, art studies and atmospheric sciences. It is application specific an image enhancement technique is suitable for one problem might be inadequate for another. Principle objective of Image enhancement is to process an image so that result is more suitable than original image for specific application. In this research, Color correction will done by using the contrast enhancement .The proposed algorithm will neither requires a color calibration chart/object, nor explicitly compensates for the image as a whole. Instead correction of the image is done by region growing.

Keywords: Contrast, Region Growing, SIFT (Scale Invariant Feature Transform).