

Abstract Details

Title: Comparison of Edge Detection and Texture Analysis of Image using Matlab

Authors: Kirti Masown and Rajesh Mehra

Abstract: The increase in the number of product and quality is due to the use of technological innovation in production. In this paper, we try to improve the quality for the recognition of the image by using different techniques. We will operate the function on the same image, for more clarity about the difference in two functions. In this paper, taking two images and apply edge detection and texture analyses on both. Finger has been chosen for scanning purposes, while face is for face recognition. Both the applications are widely used. Result says that the texture analysis is much better than edge detection.

Keywords: Edge Detection Tool, Texture Analyses Tool, Image Analysis, Gray-Scale, Images, Matlab.