Abstract

Edge is the foremost feature of the image. Edges can be defined as boundary between regions in an image. Edge detection refers to the process of identifying and locating sharp discontinuities in an image. Edge detection process reduces the amount of data and filters out useless information, while preserving the necessary structural properties in an image. In this paper, the main purpose is to study edge detection process based on different techniques.

References

Comparison between Edge Detection Techniques

4. S. Lakshmi and Dr. V. Sankaranarayanan “A study of Edge Detection Techniques for Segmentation Computing Approaches” IJCA Special Issue on Imaging and Biomedical Applications” CASCT, 2010. [3] Edge Detection by Trucco, Chapter 4 and Jain et al., Chapter 5.


9. M sudarsha*” p ganga Mohan and suryakanth v gangashetty “Optimized edge detection algorithm for face recognition”.


Comparison between Edge Detection Techniques

Index Terms

Computer Science
Image Processing

Keywords

Edge detection, Sobel, Prewitt, Laplacian of Gaussian, Canny edge detection