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


8. Zolqemine Othman, habibollahharon, Mohammed Rafi, Abdul kadir, Comparison of canny and Sobel edge detection in mri images.

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


Index Terms

Computer Science

Image Processing

Keywords

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