Abstract

Image processing is deals with wave processing which the input data is a picture, and the result can be either an image or a set of parameters corresponding to the image. Medical Imaging is a wide technology which helps the doctors to see the interior portions of the body parts for easy diagnosis. The proposed system edge-based segmentation is applied for vessel extraction. It produces edge maps which are based on Kirsch edge detection methods. The proposed method discovers the eye disorder such as cardiovascular diseases and diabetic retinopathy. In order to evaluate the performance of proposed work, there are several statistical criteria which are related to the sensitivity, specificity, accuracy and precision.

References

2. Mohd.imran khan, heena sheikh, Anwar mohd.mansuri, pradhumn soni, “a review of

**Index Terms**

Computer Science  
Image Processing

**Keywords**

Biomedical Image Processing, Retinal Structure, vessel segmentation, diabetic retinopathy, Kirsch-Template, Retinal Disease Diagnosis.