Abstract

Nowadays we are finding that mammography technique is best available technique for breast cancer detection. Breast abnormalities are defined over wide range of features and it may happen that radiologist might be easily missed or misinterpreted it. The ability to improve diagnostic information from medical images can be enhanced by designing image processing algorithms that is why we proposed new algorithm to detect lesions in mammogram breast cancer images. In this paper we proposed an algorithm which is implemented on MATLAB. In developing the algorithm, we focused on color pixel intensity. This paper gives a survey of image processing algorithm and comparison among all of them. Lastly we compare all the results of different algorithm (results are taken as standard according to previous work by researchers on them) which are explained in this paper with our algorithm result.
References

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Index Terms

Computer Science

Pattern Recognition

Keywords

Breast Cancer  x-ray Mammography  Image Processing  Segmentation  Colorography  Tumor