Abstract

Accurately detecting the breast cancer disease in the early stage is extremely essential for fast recovery or to avoid the death probability. Breast cancer can be detected by various imaging
Breast Mass Segmentation using Seed based Region Growing Technique

modalities out of mammography is more used. Breast lesions are mass and microcalcification. Segmentation is mainly divided into 2 types according to the similarity and discontinuity. In this paper we proposed system for segmentation of breast mass using seed region growing technique, which is most important step in CAD system, depending upon the result of segmentation breast mass can be characterized as benign or malignant.

References

- Wenfeng Han1, Jianwei Dong1, Yuting Guo1, Ming Zhang1*, and Jianzhong Wang, "Identification of masses in digital mammogram using an optimal set of features", International Joint Conference of IEEE TrustCom-11/IEEE ICESS-11/FCST-11, 2011.
Breast Mass Segmentation using Seed based Region Growing Technique


Index Terms

Computer Science

Image Processing
Keywords
Cad  Mammogram  Enhancement  Dft  Segmentation  Seed Region Growing