Abstract

Medical Image Processing is one of the most challenging and emerging topics in today's research field. Processing of Magnetic Resonance Imaging (MRI) is one of the parts in this field. In recent years, in order to analyze a disease, Physicians consider MR imaging modality is the most efficient one for identification of cancer present in various organs. Therefore, analysis on MR imaging is required for efficient disease diagnosis. This paper describes the proposed strategy to detect and calculating its growth... This proposed method incorporates with some noise removal functions, segmentation and morphological functions which are considered to be the basic concepts of Image Processing. Detection and extraction of tumor from MRI scan images of the brain is done by using MATLAB software.

References

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6. National cancer Institute, “What you need to know about Brain tumors”.

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Index Terms

Computer Science
Biomedical

Keywords

MRI, Brain Tumor, segmentation, morphology, MATLAB.