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INTEGRATED IMAGE PROCESSING ALGORITHM FOR BRAIN TUMOR DETECTION, SEGMENTATION AND CLASSIFICATION

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Abstract

Automation plays a vital role in wide areas now a day. In medicine disease identification itself involves number of complex methods. Here we developed a unique method to identify a brain tumor and its effects. In current days countless energy has spent in the field of medical imaging was dedicated on brain tumor segmentation. The auto segmentation has a huge positive in medical diagnosis by releasing physicians from the load of physical marking. Despite the undisputed worth of auto tumor segmentation this scheme is not so far a global clinical practice. Here we have given two methods for brain tumor detection, segmentation and classification. The prior one is based on masked marker controlled water shed segmentation, while the successor is based on Split-Up Box boundary technique.

Author Keywords

MRI, Automated process, Digital Image Processing, Brain tumor

Index Keywords

Detection, segmentation, classification, Intensity representation, Image Resizing.

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