Abstract

To detect the tumor in the brain is very important task but the major problem occurred is that its very time consuming. We provide an approach towards the automation of this process in this paper. We take magnetic resonance images of the brain as a input and attempt to calculated the position and the size of the tumor. Each pixel in each slice will be processed to detect the tumor. All the process used is automatic and independent from users capability demonstration of the experiment that methods can successfully achieve segmentation for MRI to help pathologist distinguish exactly size and region.

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Index Terms

Computer Science Image Processing

Keywords
biomedical  k-means algorithm  magnetic resonance images  nervous system  spinal cord

skull.