

Research Interest May 2017

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My research interest is to identify medical images using Image Processing techniques.

My first project is to develop a system to identify the brain tumors. This system can be summarised in two stages. First stage is the pre-processing which enhances the brain MRI image and make it more suitable to analyze. The second stage is segmentation which separates the region of the tumor from the image.

My Second project has a same topic with the first project. But in this project, developed a new threshold approach to segments the region of the tumor from the image. The new threshold approach is compared with OTSU's method on the same database. The new threshold approach is yielded the better result than the OTSU's method.