CYST DETECTION IN MRI BRAIN IMAGE

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ABSTRACT

In medical diagnosis, the cyst detection in human brain is very difficult and intricate task. The task has been carried out by the help of image processing to make simple and easier. Since a long period of time, image processing has helped a lot for various pathological tasks and still an emerging area of research. Medical diagnosis became fast due to such type of advanced techniques. In this work, an approach has been attempted to detect the cyst in the MRI brain image. The brain image has been considered to detect the cyst. A simple method of segmentation and edge detection will be applied for the purpose of detection. The analysis will be performed using different structuring elements of the medical image.

KEYWORDS: Cyst Detection, Diagnosis, Segmentation, Edge Detection