

Research on some contour detection algorithms in medical images

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Abstract: This topic focuses on researching and comparing modern algorithms in the field of contour detection on medical images. Given the increasing demand for disease diagnosis and treatment using imaging, accurate contour detection plays a crucial role. The objective of this topic is to build a system based on improved algorithms to support the process of medical image analysis. The research methodology includes both theoretical and experimental approaches to evaluate the performance of each algorithm. The expected results will contribute significantly to improving the quality of medical diagnosis through imaging.

Keywords: Contour detection algorithm, Medical image, Medical diagnosis