

Experimental study of some image segmentation algorithms

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Abstract: This topic aims to evaluate the effectiveness of image segmentation algorithms through practical testing, in order to address the problem of accurately dividing regions within an image. Based on a combined approach of theoretical research and application implementation, the project will provide a detailed comparison between algorithms, assessing the accuracy and performance of each type. The expected results of this topic will not only help improve image segmentation skills but also contribute to the development of image processing technology in general.

Keywords: image segmentation, algorithm, testing, image processing, comparison