Novel Approach for Color based Comic Image Segmentation for Extraction of Text using Modify Fuzzy Possibilistic C-Means Clustering Algorithm

Abstract

Segmentation in image processing refers to the process of partitioning a digital image into multiple segments. This paper makes an attempt to segment the Comic images for extraction the text. Segmentation of comic images into extract the text is a challenging task primarily because of complexity of the structural Features like color, shape and texture. In this paper we proposed a color based comic image segmentation for extraction of text using Modify Fuzzy Possibilistic C-Means Clustering Algorithm has been tested on different images and obtained better performance than many of the existing methods.
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Index Terms

Computer Science

Image Processing

Keywords

Segmentation  Comic Image  Text Extraction  Fuzzy Possiblistic C-means Clustering