



Research Article



Telugu Document Image Segmentation Methods

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ABSTRACT

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The image segmentation is typically used to trace the object and boundaries such as line and curves in an image. The segmentation of the text reliability is necessary to perform the classification and Recognition. The main aim of segmentation is to partition the document image into various homogeneous regions such as text block, image block, line and word. Image segmentation is the front-stage processing of image compression. We hope that there are three advantages in image segmentation. The first is the speed. The second is good shape connectivity of its segmenting result. The third is good shape matching. Besides, we introduce many segmenting methods including iterative threshold technique, black pixels method and laplacian method for telugu document images.

Keywords: Edge Detection algorithm Preprocessing, Image acquisition. Image segmentation, histogram

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