

Comparison Between Two Different Pixel Based Segmentation Techniques

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The image segmentation is the partitioning of digital image into multiple regions (sets of pixels), according to some homogeneity criterion. The problem of segmentation is well studied one in literature and there are a variety of approaches that are used. Different approaches are suited to measure images quantitatively due to the fact that there many "correct" segmentations techniques for a single image. Various techniques of pixel based segmentation techniques are available in literature, in this work, In this work, two different kinds of pixel based segmentation techniques have been compared, these techniques are; the generic model (thresholding) and one of the non-parametric statistical color modeling which is the histogram method. the performance of the selected methods is evaluated using some known metrics such as classification rate CR The experimental outcomes show that thresholding is outperforming on histogram technique in term of accuracy.