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Review of image segmentation techniques including pre & post processing operations

***¹Vinay Gupta, ²Satyendra Mandrah**

^{*1}Assistat Professor, Department of Electronics& Communication Engineering,Bhopal Institute of Technology,
Bhopal (M.P) India

²Student, Department of Electronics& Communication Engineering,Bhopal Institute of Technology, Bhopal
(M.P) India

**Corresponding Author: Vinay Gupta
Email: vinaygupta.jnct@gmail.com*

Abstract:

Image Segmentation has been an area for a long time which is providing opportunities to do research work. Image segmentation is most of judging or analyzing function in image processing and analysis. Image segmentation is a process of partitioning an image into meaningful regions that are homogenous or similar and inhomogeneous in some characteristics. Image segmentation results have an effect on image analysis and it following higher order tasks. Image analysis includes object description and representation, feature measurement. Higher order task follows classification of object.. Hence characterization, visualization of region of interest in any image, delineation plays an important role in image segmentation .These image segmentation techniques need comparative analysis for further development and modifications for continuous and consistent improvement. Hence, in this paper an overview of image segmentation and its present techniques is presented which demands a lot of research work.

Keywords:

Image, Image Segmentation, Segmentation Techniques.