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SURVEY ARTICLE

A SURVEY ON CONTENT RETRIEVAL SCHEMES FOR MEDICAL IMAGES

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Abstract: Segmentation is the process which subdivides an image into its constituent regions. This technique can also identify region of interest in image or annotate the data. It is observed as the most critical function of image processing and analysis. Image segmentation plays a crucial role in many medical imaging applications by automating delineation of anatomical structures and other regions of interest. This paper makes a survey on the current segmentation techniques used in the retrieval of medical images. Numerous segmentation algorithms and techniques have been defined for image segmentation. This paper presents a detailed review of several segmentation techniques with their principal ideas, types, advantages and disadvantages.

Keywords: Image segmentation, Thresholding segmentation, Region growing, Clustering, Neural network, Classifier

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