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Abstract

Brain tumor is an strange boom due to cells reproducing themselves in an uncontrolled way. Magnetic Resonance Image (MRI) is the commonly used device for prognosis. In MR image, the quantity of information is too much for guide interpretation and evaluation. During the beyond few years, mind tumor segmentation in Magnetic Resonance Imaging (MRI) has turn out to be emergent research vicinity within the discipline of scientific imaging machine. Correct detection of length and place of mind tumor performs a essential position in the prognosis of tumor. Image processing is an energetic research location in which medical image processing is a extraordinarily hard discipline. Image segmentation plays a significant position in photograph processing because it facilitates inside the extraction of suspicious regions from the clinical photographs. In this paper an efficient algorithm is proposed for tumor detection based totally on segmentation of mind MRI photographs using k-means clustering.

Keywords

Image Segmentation, K-Means clustering, MRI, Tumor Detection.