Abstract

Image Segmentation is an essential technique in image processing area to distinguish important objects from unnecessary background substrates. Most of the image segmentation methods are based on the "Cloud Histogram" or Density Variation Concept which cannot be capable to work with individual value of the histogram of image. The "Hill Climbing" based
Multilevel Thresholding technique will overcome the limitation and it is applicable to the value of image histogram directly to recognize the absolute pitch point turn over. This technique is based on individual value of histogram column. The highest folds of the image histogram curve play a major role in graphical resolution and visual orientation. This research perspective is not given importance in the field of histogram clustering yet.

References

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- Source of Application image – “http://bio.ltsn.ac.uk/imagebank/default.aspx”.

Index Terms

Computer Science   Signal Processing

Keywords

Image Segmentation   Hill Climbing Algorithm
Differential Tangent Equation
Local Minima
Local Maxima