Abstract

To retrieve appropriate information from large image datasets, Content Based image retrieval (CBIR) is a popular approach. In this paper we use binary clustering simultaneously on target and query images to retrieve color difference. One also measure geometric spreadness of each color, using coordinate information of clusters and used it with color difference with some weighted. Experimental results show that CBIRC gives better result as compare to other binning methods and ACE.

References


Yixin Chen, James Z. Wang, Robert Krovetz, "Content-Based Image Retrieval by Clustering," MIR'03, November 7, 2003, Berkeley, California, USA, ACM.


Color Image Processing by Using Binary Quaternion-Moment-Preserving Thresholding Technique.

Index Terms

Computer Science

Information Retrieval

Keywords

Cbir  Binary Clustering  Geometric Spreadness