Abstract

Now-a-days Content based Image Retrieval (CBIR) techniques are in great demand in every field. In this paper a new approach is proposed for retrieving images. Color Features is extracted from HSV image using color histogram. The texture feature gets extracted from the RGB image by applying GLDM technique. Feature vectors of query image and database image are compared using similarity measures. After comparisons distance vectors are added to get a resultant vector. The images are ranked according to the resultant vector and retrieved. This approach is implemented using MATLAB8.0. The results and conclusions are shown in the paper.

References

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New Approach for Content based Image Retrieval System using Texture and Color Features


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Index Terms

Computer Science

Image Processing

Keywords

Content-based Information Retrieval, color model, HSV, Euclidean distance, texture, GLDM.