An Efficient Content based Image Retrieval System

Abstract

The basic objective of content based image retrieval is to extract visual content of an image automatically, similar to color, shape or texture. The CBIR technology can be used in several applications such as forensic laboratories, crime detection, and image searching sites. One most probable application is matching a forensic sketch to a set of previously available set of images. In this paper, we have proposed an efficient methodology for the content based image retrieval. The related work done by other authors is also discussed in brief. The experimental results have shown that the recall rate of the proposed methodology is better in comparison to the existing one.

References

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- Jean-Francois Omhover, Marcin Detyniecki, University P. et M. Curie – CNRS, rue du Capitaine Scott, "Combining text and image retrieval.";

Index Terms

Computer Science

Image Processing
Keywords
Image Retrieval  Clustering  k Means  wavelet transform  feature extraction.