Abstract

Content-Based Image Retrieval (CBIR), also known as query by image content (QBIC)
Content-based image retrieval (CBIR) system helps users to retrieve relevant images based on
their contents. Content Based Image Retrieval (CBIR) technologies provide a method to find
images in large databases by using unique descriptors from a trained image. The image
Comparative Study on CBIR based by Color Histogram, Gabor and Wavelet Transform

descriptors include texture, color, intensity and shape of the object inside an image. In this paper, we compare the several feature extraction techniques viz., Gabor, Wavelet and Histogram over color and texture features applied in a novel way for color image and used for CBIR. The experiments which show that the Gabor filters advice promising results are reported.

Reference

- Jan de leeuw, sandra pruzansky, December, 1978 A new computational method to fit the weighted Euclid Distance Model, Psychometrika--vol. 43, no. 4.
- Wan Siti Halimatul Munirah Wan Ahmad and Mohammad Faizal Ahmad Fauzi, 2008," Comparison of Different Feature Extraction Techniques in Content-Based Image Retrieval for CT Brain images", IEEE,

Index Terms

Computer Science  Pattern Recognition

Key words

CBIR  Histogram  Gabor and

Wavelet  Transform