Abstract

Advances in data storage and image acquisition technologies have enabled the creation of large image datasets. In this scenario, it is necessary to develop appropriate information systems to efficiently manage these collections. The most common approaches use Content-Based Image Retrieval (CBIR). The goal of such CBIR systems is to support image retrieval based on content e.g., shape, color, texture. Retrieval of images based on visual features such as color, texture and shape have proven to have its own set of limitations under different conditions. In this paper we propose a novel method with highly accurate and retrieval efficient approach which will work on large image database with varied contents and background.
An Efficient Approach for Content Based Image Retrieval (Colour&Texture) by Wavelet & Gabor

References

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