Abstract

Content based image retrieval from large database has become an area of wide interest nowadays in many applications. Content-based image retrieval (CBIR) technique use image content to search and retrieve digital images. Content-based image retrieval (CBIR) is an important research area for manipulating large amount of image databases. In this paper the analysis work is done for finding the spatial features and collects them into a frame to view all the spatial features and the scope of implementing these features into the image retrieval. The commercial image search engines available as on date are: QBIC, VisualSeek, Virage, Netra, PicSOM, FIRE, AltaVista, etc. Region-Based Image Retrieval (RBIR) is a promising extension of CBIR. The shape and spatial features are quite simple to derive and effective, and can be extracted in real time. Our analysis is able to propose a system that has the advantage of increasing the retrieval accuracy and decreasing the retrieval time.

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Analysis of Spatial Features in CBIR System

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Index Terms

Computer Science

Image Processing
**Keywords**

Feature Vector  CBIR  Edge Histogram  Color  Texture