Abstract

Content based image retrieval (CBIR), is a robust technique widely used in the field of image retrieval. This method uses visual contents like color, texture and shape, to search images from a large scale database of images. Among the primary image contents, texture is an important spatial feature. Texton is a statistical approach used to analyze the texture of an image. Texture-based approach proposed here can take into account the vagueness of images also while retrieving images just as an expert manually retrieves medical images.

References


Index Terms

Computer Science

Image Processing

Keywords

Content Based Medical Image Retrieval, Rough sets, Texture analysis, Texton, Rough Set Support Vector Machines, HSV.