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{bibtex}pxc3875647.bib{/bi	bibtex} Abstract

An image retrieval based on content has been a very effective research area, with various techniques developed by various researchers. Developing those techniques needs proficiency

in various areas of information technology: databases and indexing structures, system design and integration, graphical user interfaces (GUI), signal processing and analysis, man-machine interaction, user psychology, etc. This paper focuses on using Spatial Feature of Texture primitive and edge detection by using contribution based clustering algorithm and its efficiency is measured by comparing it with color feature. Experimental results show that the proposed method has increased the cost of precision of image retrieval.

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**Index Terms** 

**Computer Science** 

Image Processing

**Key words** 

Texture primitive clustering algorithm

Edge detection

Contribution based

