عنوان مقاله:

image retriveval using color-texture features extracted from gabor-walsh wavelet pyramid

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خلاصه مقاله:

Image retrieval is one of the most applicable image processing techniques which have been extensively used. Feature extraction is one of the most important procedures used for interpretation and indexing images in Content-Based Image Retrieval (CBIR) systems. Effective storage, indexing and managing a large number of image collections are critical challenges in computer systems. There are many proposed methods to overcome these problems. However, the rate of image retrieval and speed of retrieval are still interesting fields of researches. In this paper, we propose a new method based on combination of Gabor filter and Walsh transform and Wavelet Pyramid (GWWP). The Crossover Point (CP) of precision and recall are considered as metrics to evaluate and compare different methods. The Obtained results show using GWWP provides better performance in compared to with other methods

کلمات کلیدی:

Content-Based Image Retrieval (CBIR), Gabor Filter, Walsh Transform, Wavelet Pyramid Transform, Texture

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