Abstract

In this paper LBP and CM methods have been efficiently used for image retrieval for the content based image retrieval (CBIR) system. As LBP method may be sensible to noise in case of comparing neighboring pixels. The drawback of CM is it may be inefficient with too much details image. So it will be better to combine the feature of both method and utilized the property of both the two methods. In this paper LBP and CM are used combined along with the analysis of individual LBP and CM for the comparison. Wang database have been used for the experimentation. All the 10 classes are used for the results comparison. The results suggested that the combined method have the capability over individual methods in efficient image retrieval.

References


Result Analysis and Comparison of Hybrid Method based on Local Binary Pattern (LBP) and Color Moment (CM) for Efficient Image Retrieval


Index Terms

Computer Science  Image Processing

Keywords

CBIR, Content Retrieval, LBP and CM