Abstract

This paper put forward a new method of co-occurrence matrix to describe image features. In this paper putting a new implemented work which is comparison with texton co-occurrence matrix to describe image features. Maximum work done successfully using texton co-occurrence matrix. A new class of texture features based on the co-occurrence of gray levels at points defined relative to edge maxima is introduced. These features are compared with previous types of co-occurrence based features, and experimental results are presented indicating that the new features should be useful for texture. The results demonstrate that it is much more efficient than representative image feature descriptors, such as the edge orientation auto-correlogram and the texton co-occurrence and the texton co-occurrence matrix. It has good discrimination power of texture features.

Refer
References


Index Terms

Computer Science

Pattern Recognition

Keywords

Image Retrieval

Gray Level Co-occurrence Matrix

Wavelet Transform Texton

Co-occurrence Matrix