Abstract

Graphics detection and recognition are fundamental research problems in document image analysis and retrieval. Logo detection and recognition continues to be of great interest to the document retrieval community as it enables effective identification of the source of a document. From the past analysis, this paper is going to implement novel technique which can match and recognize different instances of different reference logos in images. Reference logos and text images are verified depending on some features like regions, interest points etc & by decreasing the energy function the logos can be recognized, feature matching quality is measured by fidelity term, geometry co-occurrence of a feature can be obtained by neighborhood criterion and smoothness of the matching solution is controlled by a regularization term. This paper also introduces a technique which is a novel detection method and is implemented using MATLAB and results are shown.

References


Index Terms

Computer Science

Pattern Recognition

Keywords

Logo detection  logo recognition  context dependent similarity kernel