Abstract

In this paper, we have proposed a method for document image search based on the code-vectors. The code vector representation of sub images enable us to use image matching techniques that make processing faster. The document images are converted to digital form using image scanner and are exhibited for public in image format, like jpg, jpeg, png etc. The adopted method uses a sliding window approach, in this approach each sub image clipped by narrow window is converted to code vector and these code vectors are used in image matching. Our method is based on modified Rabin Karp method that can reduce the computation cost.

References

An Image Matching Approach based on String Matching using Remainder-Prime Method


Index Terms

Computer Science

Image Processing
Keywords
Image matching  Image segmentation  Vector to code generation  Rabin Karp method