An Adaptive Method for Physical Documents Digitization based on Global Energy Function Parameter

International Journal of Computer Applications © 2015 by IJCA Journal

Volume 118 - Number 17

Year of Publication: 2015

Authors:
Ajay Kumar Pal
Yogendra Kumar Jain

10.5120/20838-3561

Abstract

The first step of physical document analysis system is to digitalize the physical document. Recently number of researcher present numerous techniques that can vary in sensitivity, quality and some more control parameter. This paper presents a three tier framework for physical document digitization and describes an automatic technique for document digitization that can significantly increase the PSNR ratio.

References

- Pratikakis, I. , Gatos, B. , Ntiorgianis, K. , 2011, "Document image binarization contest (DIBCO 2011)," International Conference on Document Analysis and Recognition,
Index Terms

Computer Science

Pattern Recognitions

Keywords

Document digitization  Laplacian of image intensity  Canny edge  Gaussian filter

Markovian Random Field.