Abstract

Document Image Analysis (DIA) is the subfield of digital image processing that aims at converting document images to symbolic form for modification, storages, retrieval, reuse and transmission. It helps the transition from bookshelves and filing cabinets to the paperless and perhaps even wireless world. Preprocessing is the first stage in document image analysis. In Document Image Analysis, Preprocessing activity involves Representation, Noise reduction, Binarization, Skew estimation/detection, Zoning, Character segmentation. This paper focuses on the major challenges that are to be faced in preprocessing of document images for document image analysis.

References

Preprocessing Challenges in Document Image Analysis


Index Terms

Computer Science  Emerging Trends in Technology

Keywords

Document Image Analysis  Information Retrieval  Binarization  Skew Detection  Character Segmentation