Abstract

Feature extraction is an important task for designing an OCR for recognizing degraded documents. Selection of a feature extraction method is probably the single most important factor in achieving high recognition performance in character recognition systems. Shape inconsistency among characters of the same structure is sometimes quite large because of the
poor resources and environmental impact on the document images. Therefore, it is necessary to select features which can adapt to the shape variations irrespective of the distortions. Hence, in this paper, selection of appropriate standard structural features is taken as the primary task for various distortion types that are considered to recognize the Tamil distorted characters.

Reference

- CEDAR. “Penman: Handwritten Text Recognition Project Description”. Available Thein from http://www.cedar.buffalo.edu/Penman/description.htm

Index Terms

Computer Science

Pattern Recognition
Key words

Character Normalization  Distorted Character Recognition

Structural Features