Abstract

The main purpose of this paper is to provide the new segmentation technique based on structure approach for Handwritten Hindi text. Segmentation is one of the major stages of character recognition. The handwritten text is separated into lines, lines into words and words into characters. The errors in segmentation propagate to recognition. The performance is evaluated on handwritten data of 1380 words of 200 lines written by 15 different writers. The overall results of segmentation are very promising.

Reference

Segmentation of Handwritten Hindi Text


Index Terms

Computer Science
Pattern Recognition

Key words

Segmentation

line segmentation

word segmentation

character segmentation
lower modifier
upper modifier
Header line
Base line