Abstract

Only a few works has been done for printed devanagari text in the area of optical character recognition. In this paper there is describing about a simple and fast algorithm for detection of italic and bold character in Devanagari script, without recognition of actual character. Here present an automatic information which tells us about the font type phase in the way of weight and slope. The process of identification and classification of italic and bold character can be used for making an accuracy of the text recognition system in the OCR. This simple and fast algorithm gives high accuracy and very easy to implement.
Detection of Bold and Italic Character in Devanagari Script


Index Terms

Computer Science

Pattern Recognition

Keywords

OCR  Font type phase  Binarization  Pixels  Noise