Abstract

In this paper we are extracting feature of handwritten and ISM printed characters of devanagari script. we are extracting Gradient feature of the devanagari script ,for that we are using two operators i.e. Sobel and Robert operator respectively . Here we are computing gradient in 8,12,16,32 directions and getting different feature vectors respectively. We are using each directional vector separately for classification.

Reference

- L. R. B. Schomaker, H. L. Teulings, A handwriting recognition system based on the properties and architectures of the human motor system, Proceedings of the IWFHR, CENPARMI, Concordia, Montreal, 1990, pp 195-211.

**Index Terms**

Computer Science
Pattern Recognition
Key words

Sobel
Robert

gradient

shirorekha