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


Index Terms

Computer Science

Pattern Recognition
Key words

Sobel

Robert

gradient

shirorekha