Abstract

India is a multi-lingual country consisting of eleven different scripts. Hindi is third most widely used language after English and Chinese. Hindi, the national language of India, is written in the Devanagari script. Devanagari script is also used for other languages such as Sanskrit, Marathi and Nepali. In India, Devanagari script is used by more than 500 million people for documentation. Devanagari script should be given special attention so that analysis of ancient Indian literature can be effectively done. Lot of work has been done in handwritten character recognition and lot of work is to be done. This paper presents a detailed analysis of research work related to devanagari character recognition. This paper presents comprehensive survey of handwritten character recognition system using different features of character and classifiers used.

References

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**Index Terms**

Computer Science  
Pattern Recognition

**Keywords**

Handwritten character recognition  off-line character recognition  Feature extraction  
Segmentation

OCR
classifier.