A Review of Different Approaches Used for Devanagari Character Recognition

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Abstract

Handwriting Recognition System helps converting handwritten text documents to digital form. Handwritten recognition systems are different for different languages depending upon the script’s complexity. Extensive research has been performed on various languages across the globe including English but Devanagari Script has been left far behind due to its complex nature. This paper enlightens some of the popular research performed in recognizing Devanagari script. It also summarizes various advantages and scope of using different methodology including Bounding Box technique, Ostu's algorithm, neural networks and many more.

References


Index Terms

Computer Science

Pattern Recognition

Keywords

Devanagari Character Recognition, OCR, Classification, Feature Extraction