

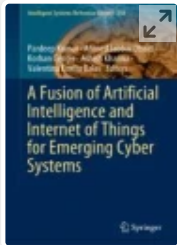


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Machine Learning Based Online Handwritten Telugu Letters Recognition for Different Domains

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Abstract

Trending innovations utilized in numerous handwriting (HW) pattern detection of diverse individuals are machine learning and neural networks. The (CNN) handwritten characters of multiple entities are also quite challenging to identify and understand. Recognition of names linked to the Telugu film industry is part of the

reorganization of trends in the study concept over the past few years. Neural networks (NN) play an essential role in the identification of HW character by Telugu. A digital machine's ability to obtain and comprehend intelligible HW data from records, photographs, touch screens and several other electronic devices etc. is HW recognition. These can be online or offline. In this case, online recognition involves translating visual pen tip gestures into a collection of originates used as input for the classification scheme where photographs of characters such as information were being used as unencrypted identification. This is a successful accomplishment for HW reorganization NN was accomplished, and the productivity up to 98.3% increased. Use the Convolutional Neural Network (CNN) to learn how to create an image recognition engine. CNN is a standard network where it is possible to train a computer to identify pictures based on picture patterns. It can be used once learned to recognize objects in the images.

Keywords

Neural networks Handwritten characters

Pattern reorganization

Convolutional Neural Network (CNN)

Recognition of characters (RC)

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