

Ideation Phase

Literature Survey

Date	18 September 2022
Team ID	PNT2022TMID48440
Project Name	A Novel Method for Handwritten Digit Recognition System

1.Fast Efficient Artificial Neural Network for Handwritten Digit Recognition

This survey is referred to present fast efficient artificial neural network for handwritten digit recognition on GPU to reduce training time.

2.A novel method for hand written digit recognition using deep learning

MNIST is a dataset which is widely used for handwritten digit recognition. The dataset consist of 60,000 training images and 10,000 test images. The artificial neural networks can all most mimic the human brain and are a key ingredient in image processing field.

3.A Novel Method on Handwritten Character Recognition

This paper deals with texture extraction model for character recognition process. In this model co-occurrence matrix and Euclidean distance are used to recognize the characters in an image.

4.A Review of Various Handwriting Recognition Methods

Several methods to be discussed in this paper, in this paper to be discussed is a method that can be used for handwriting recognition.