

A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM

PROBLEM STATEMENT:

Getting an image as the input which contains human handwritten digits. Pre-process the image to split up each handwritten digit. Recognize the digit from the image by using the trained model.

Who does the problem affects?	Individual: It is useful for those who want to extract digit from the written document. Organisation: Services like post, are uses the application of handwritten digit recognition.
What are the boundaries of the problem?	There are different types of position, size of digits in handwriting. So different types of images are to processed.
What is the issue?	In handwritten digit recognition system, recognition accuracy and computation time still require further improvement.
When does the issue occur?	While scanning the digit image, issue can be occurred. Different types of images are to processed, So that computation time is depends the size of input image.
Where is the issue occurring?	While doing a manual work of digit recognition, error can occur at recognition. Even at digital recognition, different orientation of digits are difficult to identify.