

A NOVAL METHOD FOR HANDWRITTING DIGIT RECOGNITION

Problem Statement:

- ✚ Handwritten digit recognition is the ability of a computer system to recognize the handwritten inputs like digits, characters etc.
- ✚ Form a wide variety of source like emails,papers,images,letters etc.
- ✚ This has been a topic of research for decades.
- ✚ Some of the research areas include signature verification,bank check processing,postal address interpretation from envelopes etc.

FEATUERS:

- ✚ This paper,new features called slope detail (SD) features for handwritten digit recognition have been introduced.
- ✚ These features are based on shape analysis of the digit image and extract slant or slope information.
- ✚ They are effective in obtaining good recognition accuracies.

ADVANTAGES:

- ✚ Electronic data storage.
- ✚ More organized files.
- ✚ Easier data retrieval.
- ✚ Historical preservation.
- ✚ Can be easier form of writing.
- ✚ Verification methods.

