A Fuzzy Logic based Handwritten Numeral Recognition System

Abstract

In this paper, a delayed treatment to handwritten numerals with fuzzy logic has been provided. The patterns which used in this system consisted 100 patterns of 10 numerals (0 to 9). They were taken from 10 different subjects and converted by the scanner to computer into 30×20 binary patterns. We used off-line system in take the patterns. The recognition rate is 94%.

References

- Rajashekararadhya, S. and Ranjan, P. 2009. Zone based feature extraction algorithm

Index Terms

Computer Science
Pattern Recognition

Keywords
Handwritten numeral recognition