Abstract

With the recent advances in the computing technology, many recognition tasks have become automated. Character Recognition maps a matrix of pixels into characters and words. Recently, artificial neural network theories have shown good capabilities in performing character recognition. In this paper, the application of neural networks in recognizing characters from a printed script is explored. Contrast to traditional methods of generalizing the character set, a highly specific character set is trained for each type. This can be termed as targeted character recognition.

References


**Index Terms**

Computer Science  
Artificial Intelligence

**Keywords**

Neural Networks  
Character Recognition  
Back Propagation