

PC Based Offline Arabic Text Recognition System

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Summary

Character recognition systems can contribute tremendously to the advancement of automation process and can improve the interaction between man and machine in many applications. In this paper we describe a PC based system for offline recognition of Arabic characters and numerals. The system is based on expressing the machine printed Arabic alpha-numeric text in terms of strokes obtained by modified MCR Expression [Chinveerappan, S. et al., Apr. 1995]. The system is implemented on a PIII machine in visual programming language under Windows environment.

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