

<b>Thesis Title</b>	Handwritten Printed Block-English Characters On-Line Recognition
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## **ABSTRACT**

This thesis shown a research work of designing computer software for controlled microcomputer to be able analytical the description line of Handwritten Thai Characters and Printed Block English Characters. While a stroking of one characters is completely stroke or before a stroke is completely stroke, Recognized will keep characters into text file with respectively and shown on. The method of analytical Handwritten Thai Characters and Printed Block English Characters is composite of properties description for relationship between points of character, trace, angle of line, direction of curve and straight lines, connection trial and syntactic description of the grammar proposed by Narasimhan<sup>[7]</sup>. They can properties of each characters to find in order to stored Thai Characters and Printed Block English Characters Recognition dictionary of computer. Useful of this thesis is cover of thai characters and printed block english characters recognition with new method for data entry to microcomputer by stylus pen or mouse written on tablet instead of keyboard. It can recognition to 87.18 percent and average speed one character to 5 Seconds. Which quickly character is 1 and slowly it is B by use to computer PC/AT 32bit