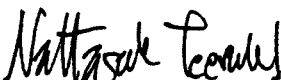



THESIS TITLE : THE EFFECT OF THAI COLOR LETTERS WITH COLOR
BACKGROUNDS IN READING ON COMPUTER SCREEN

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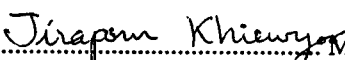
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ABSTRACT

The purpose of this research was to study the effect of Thai color letters and color backgrounds in reading on computer screen. The content of reading was General Subject II required for entrance examination in 1996. The samples consisted of 120 students in the first semester of academic year 1997 from Sirindhorn College of Public Health Khonkaen Province. The samples were randomly selected by systematic sampling and then assigned into 8 groups with 15 students in each group. Each group was shown with computer screen of different color letters and color backgrounds, as follows ;

1. Thai black letters on yellow background
2. Thai black letters on white background
3. Thai black letters on violet background
4. Thai black letters on green background
5. Thai green letters on red background
6. Thai green letters on white background

7. Thai red letters on white background

8. Thai blue letters on white background

After the experiment the scores from each group were analyzed by one-way analysis of variance. The pre-experimental design was used in this research.

The research instruments were constructed by the researcher. There were 8 different groups of the Thai color letters and color backgrounds on computer screen.

The results of this research reveal that the different colors of Thai letters and backgrounds had no effect on reading computer screen at the .05 level of significance.