

WOORAWAN SANGSUPPAN : RELATIONSHIP AMONG THE FACTORS OF KNOWLEDGE ACQUISITION, AUTOMATIZED PROCESSING, AND METACOMPONENT ABILITIES OF LOWER SECONDARY SCHOOL STUDENTS : A COMPARISON OF CORRELATION MATRICES BETWEEN HIGH AND LOW ACHIEVMENT STUDENTS. THESIS ADVISOR : ASSO. PROF. DEREK SRISUKHO, Ph.D. 166 pp. ISBN 974-637-591-1.

The purpose of this research were to analyze and compare the relationships among the factors of knowledge acquisition, automatized processing, and metacomponent abilities of lower secondary school between high and low achievment students. Three hundred and thirty high achievment students and one hundred and seventy nine low achievment students were tested on fifteen subtests. Test scores were analyzed through confirmatory factor analysis model using LISREL program.

The major findings were as follows :

1. Relationships among the factors of knowledge acquisition, automatized processing, and metacomponent abilities of high and low achievment students were significant at .01 level.

2. Relationships among the factors of knowledge acquisition, automatized processing, and metacomponent abilities of the high achievment students were significantly higher than that of the low achievment students :

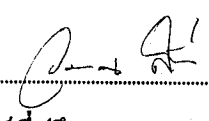
2.1 The correlation matrices of knowledge acquisition, automatized processing, and metacomponent abilities factors of the high achievment students was significantly different from that of the low achievment students at .01 level.

2.2 The relationship between knowledge acquisition and automatized processing abilities factors of the high achievment students was significantly higher than that of the low achievment students at .05 level. The relationship between automatized processing and metacomponent abilities factors of the high achievment students was significantly higher than that of the low achievment students at .05 level.

ภาควิชา..... วิทยาลัยการศึกษา.....

สาขาวิชา..... วิทยาลัยการศึกษา.....

ปีการศึกษา..... 2540.....

ลายมือชื่อนิติ..... 

ลายมือชื่ออาจารย์ที่ปรึกษา..... 

ลายมือชื่ออาจารย์ที่ปรึกษาร่วม.....