

VARAPORN KHOWSUDTHI : A STUDY OF SELECTED FACTORS IN AFFECTIVE DOMAIN RELATING TO SECONDARY SCHOOL STUDENTS' MATHEMATICS LEARNING ACHIEVEMENT. THESIS ADVISOR : ASST. PROF. SUWATTANA UTAIRAT, Ph.D. 162 PP. ISBN 974-578-614-4

The purposes of this research were to study of selected factors in affective domain relating to mathematics learning achievement and to predict of mathematics learning achievement of mathayom suksa three students, mathayom suksa six students and both levels.

The samples were 367 mathayom suksa three students and 252 mathayom suksa six students, which were multi-stage stratified random sampled from secondary schools under the jurisdiction of the Department of General Education, Bangkok Metropolis in academic year 1990. The research instruments were two mathematics learning achievement tests and affective domain towards mathematics test. The data were analyzed by means of inter correlation coefficient and multiple correlation.

The research findings were as follows:

1. Selected factors in affective domain relating to secondary school students' mathematics learning achievement were
 - 1.1 Attitude, interest, motivation, anxiety and self-concept relating to mathematics learning achievement of mathayom suksa three students.
 - 1.2 Motivation, anxiety and self-concept relating to mathematics learning achievement of mathayom suksa six students.
 - 1.3 Motivation, anxiety and self-concept relating to mathematics learning achievement of mathayom suksa three students and mathayom suksa six students.
2. Selected factors in affective domain relating to predict of secondary school students' mathematics learning achievement were
 - 2.1 Attitude and anxiety relating to predict of mathematics learning achievement of mathayom suksa three students.
 - 2.2 Anxiety relating to predict of mathematics learning achievement of mathayom suksa six students.
 - 2.3 Anxiety relating to predict of mathematics learning achievement of mathayom suksa three students and mathayom suksa six students.