

C341355 : MAJOR MATHEMATICS EDUCATION

KEY WORD : THE LEVEL OF ACCEPTANCE OF MATHEMATICS INSTRUCTIONAL INNOVATIONS/
MATHEMATICS TEACHERS WITH DIFFERENT BACKGROUNDS
PETCHARA PETKAEW : A COMPARISON OF THE LEVEL OF ACCEPTANCE OF
MATHEMATICS INSTRUCTIONAL INNOVATIONS OF SECONDARY SCHOOL MATHEMATICS
TEACHERS WITH DIFFERENT BACKGROUNDS, EDUCATIONAL REGION ELEVEN.
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The purposes of this research were as follows:

1. To study the level of acceptance of mathematics instructional innovations of secondary school mathematics teachers in educational region eleven.
2. To compare the level of acceptance of mathematics instructional innovations of secondary school mathematics teachers with different backgrounds regarding sex, teaching experience, training in mathematics instructional medias and level of education.

The subjects were 211 mathematics teachers in secondary schools under the jurisdiction of the Department of General Education, educational region eleven. The research instrument was the questionnaire concerning the level of acceptance of mathematics instructional innovations constructed by the researcher which had the reliability of 0.97. The data were analyzed by means of frequency distribution, percentage, arithmetic mean, standard deviation, t-test and one-way analysis of variance.

The finding of this research were as follows:

1. Mathematics teacher samples had the level of acceptance of mathematics instructional innovations at the evaluation stage.
2. Mathematics teachers with different backgrounds regarding sex, teaching experience, training in mathematics instructional medias and level of education had no significant differences of the acceptance of mathematics instructional innovations at level of 0.05. That were evaluation stage.