ABSTRACT

Ridha Sholeha. The Application of Means-Ends Analysis (MEA) Learning Model to Increase Mathematics Reasoning Ability Students Junior High School.

The research was motivated by the low of mathematics reasoning ability junior high school, so it needs to be improved. The purpose of this research was to determine whether the increase mathematics reasoning abilities of students who use the Means-Ends Analysis (MEA) learning model better than students who are learning to use the regular model, also to find out whether students attitudes positively toward using MEA learning model. The research was carried out using the method of quasi-experimental and non-equivalent control group design. The populations in this research were all students of SMP Pasundan 3 Bandung Class VII with two classes of samples as the experimental class and control class. The instruments used in this research consisted of mathematics reasoning ability instruments test and nontest instruments such as questionnaires of students attitude scale. The results of this research is the increase in mathematics reasoning abilities of students who use the MEA learning model better than students who are learning to use the regular model. Student attitudes positively toward using MEA learning model.

Key Words : Means-Ends Analysis (MEA) Learning Model, Mathematics Reasoning Ability.