ABSTRACT

Nadya, T.R. (2020). *Analysis of the implementation of the Realistic Mathematics Education (RME) approach in improving mathematical logical thinking skills.*

Mathematical logical thinking ability is a person's ability to arrive at a conclusion. This ability is one of the abilities that students must have and improve. However, the ability to think mathematically logically is still low. One learning approach to improve mathematical logical thinking ability is the Realistic Mathematics Education (RME) approach. This study aims to: (1) analyze the concept of mathematical logical thinking ability; (2) Analyze the concept of the Realistic Mathematics Education approach (RME); (3) Analyze the implementation of the Realistic Mathematics Education (RME) approach in improving mathematical logical thinking ability. The method used is a qualitative method with the type of literature study research. The data sources used are primary data and secondary data. The research techniques used are Editing, Organizing and Finding. Meanwhile, the data analysis applied was deductive, inductive and interpretive. Based on the analysis that has been done, the results show that learning mathematics through the implementation of the Realistic Mathematics Education (RME) approach can improve students' mathematical logical thinking ability.

Keywords: Mathematical Logical Thinking Ability, Realistic Mathematics Education (RME) Approach