

ANALISIS KEMAMPUAN BERPIKIR KRITIS MATEMATIS DAN *SELF-EFFICACY* SISWA DENGAN MODEL *DISCOVERY LEARNING*

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Abstract

This study aims to analyze students' mathematical abilities in order to obtain analytical results, namely, knowing the increase in mathematical critical thinking skills through discovery learning models, then knowing the increase in self-efficacy abilities through discovery learning models, as well as the correlation between critical thinking skills and self-efficacy abilities. with the discovery learning model. The relationships and correlations found in the results of the analysis for this study. The research method used is the study of literature while for data collection by analyzing several journals or printed or electronic documents. Then analyze the data by rereading the entire data source found. The results of the data obtained in the form of a discussion that proves the formulation of the problem. Then the results that have been analyzed show that students' mathematical critical thinking skills can increase if they use the discovery learning model, and in line with the students' self-efficacy abilities can increase if they use the discovery learning model, but not all students. As for the factors of some students who did not increase due to certain factors. Then based on the correlation, positive results were obtained when using the discovery learning model.

Keywords : Study Research, Discovery Learning, Critical Thinking Skills, Self-Efficacy