

ANALISIS PROFIL KEMAMPUAN PENALARAN MAHASISWA CALON GURU MATEMATIKA

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ABSTRACT

The very rapid progress and development of science and technology cannot be separated from the role of education as one of the benchmarks for the development of a nation. To master science and technology, it requires mastery in various fields of science, one of which is mathematics. The development of science not only requires the ability to apply mathematics but also requires the ability to reason to solve various problems that will arise. In learning mathematics, reasoning skills play an important role both in understanding concepts and solving problems (problem solving).

The purpose of this study is to describe the mathematical reasoning ability of students with high, medium, and low abilities in mathematics education students, in addition to producing a dissertation proposal that can facilitate the doctoral study process. The research method used by the author in this study is descriptive qualitative research, namely research that is used to describe, explain and answer questions about current phenomena and events, both about phenomena as they are and analysis of relationships between variables in a phenomenon. This study will describe the mathematical reasoning abilities of students with high, medium, and low abilities through a problem solving approach

Kata Kunci: *reasoning mathematic, problem solvng*