

ABSTRAK

Hulu, Berto Funny, 212117010 Pengaruh model pembelajaran berdiferensiasi terhadap kemampuan pemahaman konsep matematis siswa SMP Negeri 1 Alasa Tahun Pelajaran 2025/2026, Skripsi, Pembimbing, Ratna Natalia Mendrofa, S.Pd., M.Pd.

Penelitian ini dilatar belakangi berdasarkan hasil pendahuluan yang dilakukan di SMP Negeri 1 Alasa, ditemukan masalah kemampuan pemahaman konsep matematis siswa tergolong rendah dan model pembelajaran yang konvensional. Dengan tujuan pada penelitian ini untuk mengetahui apakah ada pengaruh model pembelajaran berdiferensiasi terhadap kemampuan pemahaman konsep matematis siswa. Jenis dalam penelitian ini dikategorikan kedalam penelitian quasi eksperimen dan pendekatan kuantitatif dengan desain penelitian menggunakan *nonequivalent control group design*. Variabel terikat dalam penelitian ini kemampuan pemahaman konsep matematis siswa, dan variabel bebas adalah model pembelajaran berdiferensiasi. Populasi dalam penelitian ini adalah siswa kelas VII SMP Negeri 1 Alasa, Dimana Sampel pada penelitian terdiri dua kelas dengan jumlah siswa 60 orang, dan instrumen penelitian yang digunakan berbentuk tes uraian kemampuan pemahaman konsep matematis. Hasil penelitian yang diperoleh Berdasarkan hasil pengujian hipotesis satu pihak, diperoleh $t_{hitung} = 24,17$ dan $t_{tabel} = 1,671$. maka tolak H_0 di terima H_a yang berarti ada pengaruh model pembelajaran berdiferensiasi terhadap kemampuan pemahaman konsep matematis siswa.

Kata Kunci: Model pembelajaran, Berdiferensiasi, Pemahaman konsep matematis siswa.

ABSTRACT

Hulu, Berto Funny, 212117010 The influence of differentiated learning model on the ability to understand mathematical concepts of students of SMP Negeri 1 Alasa in the 2025/2026 academic year, Thesis, Supervisor, Ratna Natalia Mendrofa, S.Pd., M.Pd.

This research is based on preliminary results conducted at SMP Negeri 1 Alasa, found that students' mathematical concept understanding ability is relatively low and conventional learning model. With the aim of this study to find out whether there is an influence of differentiated learning model on students' mathematical concept understanding ability. The type of research in this categorized into quasi-experimental research and quantitative approach with research design using nonequivalent control group design. The dependent variable in this study is students' mathematical concept understanding ability, and the independent variable is differentiated learning model. The population in this study were students of grade VII of SMP Negeri 1 Alasa, where the sample in the study consisted of two classes with a total of 60 students, and the research instrument used was a descriptive test of mathematical concept understanding ability. The results of the study obtained Based on the results of one-sided hypothesis testing, obtained $t_{\text{count}} = 24.17$ and $t_{\text{table}} = 1.671$. then reject H_0 accepted H_a which means there is an influence of differentiated learning model on students' mathematical concept understanding ability.

Keywords: Learning model, Differentiation, Students' understanding of mathematical concepts.