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PNBP PUSAT**



ARSIP
LEMLIT. UNM

**ANALISIS PEMAHAMAN MENYELESAIKAN SOAL PEMBUKTIAN
TEORI GRUP MENURUT TEORI PIERE-KIEREN
PADA MAHASISWA PPs UNM**

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SUMMARY

ANALYSIS OF UNDERSTANDING THE SOFTWARE OF THE GROUP THEORY OF THE GROUP BY THEORY OF PIERE-KIEREN ON UNM STUDENTS UNMISSIONS

(Alimuddin, Usman Mulbar, Ahmad Zaki, 2017, 124 page)

State University of Makassar

This research is a descriptive research with qualitative approach which aims to describe the understanding of PPs UNM students guided Pirie-Kieren theory in solving the problem of proof on group theory in terms of cognitive style and adversity quotient. Subjects in this study consisted of 4 students, each of which is the FI-Climber, FI-Camper, FD-Climber, and FD-Camper categories. The data were collected by giving group theory proof test consisting of 2 numbers and interview. To test the credibility of data is done by source triangulation.

Based on the results of the test and the interview, for question number 1, the highest level of understanding of the FI-Climber subject is the organizing level (O), while for question 2, the highest level of understanding of the FI-Climber subject is the level of image making (IM). The highest level of understanding of the FI-Camper subject for question number 1 is the structuring level (S), whereas for question 2, the highest level of understanding of the FI-Camper subject is the image having (IH) level. The level of understanding of the subject of FD-Climber for number 1 is the level of property noticing (PN), while for question 2, the highest level of understanding of the subject of FD-Climber is the level of image having (IH). Finally, for question number 1, the subject of FD-Camper is able to reach the organizing comprehension level (O), while for question number 2, the subject has not been able to explore more deeply about the proofing process.

In addition, there are some important findings in this study: (1) The FI-Camper subject has a slightly higher level of understanding than the FI-Climber subjects. For subject matter 1, FI-Camper can reach the level of structuring while the subject of FI-Climber reaches organizing level, (2) FD-Climber subject able to remember and write well the process of proofing number 2 which according to him never found before although the subject itself is still less understood, And (3) For question 2, the subject of FD-Camper is able to reach the organizing comprehension level but does not have good ability at the primitive knowing level.

Keywords: Teori Grup, Teori Piere-Kieren.

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