UPAYA PENINGKATAN KEMAMPUAN PEMECAHAN MASALAH MAHASISWA MELALUI KEGIATAN LESSON STUDY PADA MATA KULIAH ANALISIS NYATA

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ABSTRACT

The Real Analysis course is one of the courses that requires an understanding of concepts. In addition, the courses in this analysis group are often used as a theoretical basis in the preparation of theses. For this reason, the appropriate method in learning Real Analysis is problem solving with the strategy of group discussion. Through the implementation of Lesson Study in the Real Analysis course, it is hoped that there will be an increase in students' ability to solve problems, an increase in students' social skills because the learning strategy is in the form of group discussions, there are learning experiences for each group member so that other lecturers can apply it to other subjects being taught. , as well as an increase in knowledge about the learning process and the quality of learning tools. The activity is carried out in three cycles, where each cycle consists of the stages of plan, do, and see. Each stage is a recording process (video recording). The instruments used are observation sheets and student worksheets There was an increase in the quality of learning in the learning process in the Real Analysis course in each cycle. Cycle II is better than cycle I, it can be seen from the ability of students who have fulfilled all stages of problem solving, but there are still discussions with other group members. Cycle III is better than cycle II as seen from the seriousness of students working on the given LKM. The results of learning and student activity in the classroom are already better than the previous cycles.

Kata Kunci: *Lesson Study,Real Analysis,problem solving*