PENGEMBANGAN PERANGKAT REMIDIASI KESULITAN BELAJAR MATEMATIKA

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ABSTRACT

Observing the results of international and national studies, the achievement of mathematics education in Indonesia has not been satisfactory. This indicates that students have difficulty solving math problems. In order for difficulties to be overcome, it is necessary to know in advance the profile of students' difficulties in learning mathematics, both in SMP, SMA, and SMK. The results of the 2018 research have described the difficulties of students in learning mathematics in SMP, SMA, SMK based on the results of national exams starting from 2010-2017, then the remedy model needs to be developed. The results of the 2019 research show that theoretically a remediation model design has been produced that is tailored to the conditions and character of students, especially in Yogyakarta. This 2020 research aims to develop a remediation model for student difficulties in learning mathematics in junior high schools.

This study uses a development research approach with ADDIE (Analysis, Design, Development, Implementation, and Evaluation). Data analysis was carried out quantitatively and qualitatively. Qualitative analysis is used to compile a needs analysis and describe development results. Quantitative analysis is used to analyze the feasibility of the developed remedial device.

Based on the results of the research, a remediation model design for junior high school students has been produced on the material of plane figure and triangle. The remediation tools that have been produced include RPP and LKPD according to the remediation model used. The RPP and LKPD are initial designs that will be refined and implemented in the implementation of the Research Group (RG) in 2021.

Kata Kunci: *tool for remidiation, mathematics*