

Pengembangan Assessment kognitif dalam Format Worked examples untuk Meningkatkan Kemampuan Problem solving Peserta Didik pada Pembelajaran Fisika SMA

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ABSTRACT

This study aims to develop a cognitive assessment product to measure problem solving abilities for high school students who are valid and reliable. Products developed are adapted to the management of classes in the learning process. The stages in this study include the preparation stage of the assessment development, the stages of assessment development developed in the management and learning processes in the classroom that are adapted to physics subjects, then the last step is the product testing phase. The results obtained, that the problem solving aspects that are measured include: aspects of Problem Solving Abilities namely: (1) Problem Identification, (2) Settlement Plan, (3) Implementation and, (4) Evaluation. The number of items developed was 130 items which were packaged into 4 assessment instrument packages that had met valid and reliable criteria.

Kata Kunci: Assessment kognitif, problem solving