ABSTRAK

**"PENGEMBANGAN MODUL AJAR BERDIFERENSIASI KELAS 4
SEKOLAH DASAR MATERI BANGUN DATAR"**

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Penelitian berlatar belakang adanya keragaman karakteristik dan kebutuhan siswa dalam kelas serta kesulitan yang dijumpai siswa dalam pelajaran matematika terkhusus materi bangun datar. Penelitian ini bertujuan: 1) mengembangkan modul ajar berdiferensiasi kelas 4 SDN Tirtosari, 2) mengetahui kualitas modul ajar.

Jenis penelitian yang digunakan yaitu *research and development* (*R&D*) dengan prosedur pengembangan ADDIE yaitu *Analyze*, *Design*, *Development*, *Implementation*, dan *Evaluation*. Teknik Pengumpulan data yang dipakai adalah observasi, wawancara, kuesioner dan tes. Teknik analisis data yang digunakan adalah teknik analisis data kualitatif dan data kuantitatif. Subjek penelitian kelas 4 SDN Tirtosari.

Penelitian menunjukkan hasil kualitas modul pembelajaran berdasarkan 3 validator termasuk kategori "sangat baik" dengan rata – rata skor 3,59 dari skor maksimal 4. Uji coba produk terhadap 11 siswa menghasilkan peningkatan sebesar 65,68% dari rata – rata nilai *pretest* yakni 44 menjadi rata rata 72,9 pada *posttest*. Hal ini menunjukkan penggunaan modul ajar matematika materi bangun datar yang dikembangkan layak digunakan.

Kata kunci: pembelajaran berdiferensiasi, modul ajar matematika, bangun datar

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ABSTRACT

"DEVELOPMENT OF DIFFERENTIATED TEACHING MODULES GRADE 4 ELEMENTARY SCHOOL FLAT BUILDING MATERIAL"

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The research is based on the diversity of characteristics and needs of students in the classroom and the difficulties encountered by students in mathematics lessons, especially flat building material. This research aims to: 1) develop differentiated teaching modules for grade 4 SDN Tirtosari, 2) know the quality of teaching modules.

The type of research used is research and development (R&D) with ADDIE development procedures, namely Analyze, Design, Development, Implementation, and Evaluation. Data collection techniques used are observation, interviews, questionnaires and tests. The data analysis techniques used are qualitative data analysis techniques and quantitative data. The subject of grade 4 research at SDN Tirtosari.

Research shows the quality results of learning modules based on 3 validators including the "very good" category with an average score of 3.59 out of a maximum score of 4. Product trials on 11 students resulted in an increase of 65.68% from the average pretest score of 44 to an average of 72.9 on the posttest. This shows the use of mathematics teaching modules of flat building materials that are developed worthy of use.

Keywords*: differentiated learning, mathematics teaching modules, two-dimentional figure.*