ABSTRAK

ULFA MUTIA: Analisis Kemampuan Berpikir Kreatif Matematis Siswa Berbasis Pendekatan *Somatic, Auditory, Visual, Intellectual* (SAVI) Di SMP Negeri 1 Simpang Ulim. **Program Studi Pendidikan Matematika FKIP Universitas Malikussaleh, 2024**.

Rendahnya kemampuan berpikir kreatif matematis siswa didsebabkan proses belajar mengajar masih berpusat kepada guru. Kemampuan siswa dalam menyelesaikan soal juga tergolong masih rendah pada siswa. Oleh karena itu, dibutuhkan kemampuan berpikir kreatif matematis siswa agar dapat melatih siswa dalam merancang berbagai macam solusi penyelesaian dalam menyelesaikan suatu masalah. Penelitian ini bertujuan untuk menganalisis kemampuan berpikir kreatif matematis siswa berbasis pendekatan *somatic, auditory, visual, intellectual* (SAVI) pada materi aritmatika sosial. Metode penelitian yang digunakan adalah penelitian deskriptif. Teknik pengumpulan data pada penelitian ini yaitu tes tertulis, wawancara terhadap siswa, dan dokumentasi. Analisis data dilakukan dengan cara reduksi data *(data reduction*), penyajian data *(data display)*, dan penarikan kesimpulan/verifikasi *(conclusion drawing/verification*). Subjek penelitian terdiri dari 20 siswa kelas VII SMP Negeri 1 Simpang Ulim. Serta menggunakan 5 soal tes uraian untuk melihat kemampuan berpikir kreatif matematis siswa. Adapun indikator dari kemampuan berpikir kreatif matematis yaitu kelancaran, kelenturan, keaslian dan elaborasi. Hasil penelitian menunjukkan bahwa kemampuan berpikir kreatif matematis siswa yaitu 15% atau 3 siswa memiliki kategori tinggi telah memenuhi 2 indikator yaitu elaborasi dan kelancaran, 30% atau 6 siswa yang memiliki kategori sedang telah memenuhi 1 indikator yaitu elaborasi, dan 55% atau 11 siswa memiliki kategori rendah tidak memenuhi satupun dari indikator kemampuan berpikir kreatif matemtais.

Kata Kunci : *Kemampuan Berpikir Kreatif Matematis, Somatic, Auditory, Visual, Intellectual* (SAVI)

ABSTRACT

Ulfa Mutia: *Analysis of Students' Creative Mathematical Thinking Ability Based on the Somatic, Auditory, Visual, Intellectual (SAVI) Approach at SMP Negeri 1 Simpang Ulim.* ***Malikussaleh University FKIP Mathematics Education Study Program, 2024.***

The low ability of students to think creatively mathematically is caused by the teaching and learning process still being centered on the teacher. Students' ability to solve questions is also still relatively low among students. Therefore, students need creative mathematical thinking skills to be able to train students in designing various kinds of solutions to solve a problem. This research aims to analyze students' mathematical creative thinking abilities based on the somatic, auditory, visual, intellectual (SAVI) approach to social arithmetic material. The research method used is descriptive research. Data collection techniques in this research are written tests, interviews with students, and documentation. Data analysis was carried out by means of data reduction, data display, and conclusion drawing/verification. The research subjects consisted of 20 class VII students of SMP Negeri 1 Simpang Ulim. As well as using 5 essay test questions to see students' mathematical creative thinking abilities. The indicators of mathematical creative thinking ability are fluency, flexibility, originality and elaboration. The results of the research showed that 15% of students' mathematical creative thinking abilities or 3 students in the high category had fulfilled 2 indicators, namely elaboration and fluency, 30% or 6 students in the medium category had fulfilled 1 indicator, namely elaboration, and 55% or 11 students had The low category does not meet any of the indicators of mathematical creative thinking ability.

Keywords: *Mathematical, Somatic, Auditory, Visual, Intellectual Creative Thinking Ability (SAVI*