

SARI

Apriliya. 2020. Analisis Kemampuan Berpikir Kreatif Matematis Siswa Pada Materi Barisan Dan Deret Ditinjau Dari *Self-Efficacy*. Skripsi. Program Studi Pendidikan Matematika, Universitas Islam Sultan Agung Semarang. Pembimbing I Mochamad Abdul Basir, M.Pd., Pembimbing II Dr. Imam Kusmaryono, M.Pd.

Kata Kunci : Kemampuan Berpikir Kreatif, Barisan dan Deret, *Self-Efficacy*

Penelitian ini bertujuan untuk menganalisis kemampuan berpikir kreatif matematis siswa kelas XI di MA N 1 Kota Semarang pada materi barisan dan deret ditinjau dari *self-efficacy*.

Metode penelitian yang digunakan adalah deskriptif kualitatif. Penelitian ini dilaksanakan online pada kelas XI MIPA 4 MA N 1 Kota Semarang. Instrumen yang dipakai yaitu instrumen tes pada materi barisan dan deret dengan jumlah 3 soal uraian dan instrumen non-tes berupa angket *self-efficacy* dengan 20 pernyataan dalam bentuk link google form dan pedoman wawancara. Untuk angket *self-efficacy* diisi 30 siswa kelas XI di MA N 1 Kota Semarang. Subjek yang mengikuti tes kemampuan berpikir kreatif berjumlah 6 siswa berdasarkan 2 siswa yang mempunyai *self-efficacy* tinggi, 2 siswa dengan *self-efficacy* sedang dan 2 *self-efficacy* rendah.

Hasil pada penelitian ini yaitu terdapat hubungan antara *self-efficacy* dengan kemampuan berpikir kreatif siswa pada materi Barisan dan Deret. Bahwa tingkat *self-efficacy* selaras dengan kemampuan berpikir kreatif matematis siswa, dikarenakan siswa yang memiliki tingkat *self-efficacy* tinggi mempunyai kemampuan berpikir kreatif yang bisa dikatakan kreatif, dapat mengerjakan seluruh soal dengan baik. Siswa yang memiliki tingkat *self-efficacy* sedang juga mempunyai kemampuan berpikir kreatif mengerjakan soal dengan baik. Dan untuk siswa yang memiliki tingkat *self-efficacy* rendah sangat kesulitan untuk berpikir kreatif dalam menyelesaikan soal tersebut sehingga hanya berada pada tingkat kemampuan berpikir kreatif matematis dalam kategori tidak kreatif. Berdasarkan hasil penelitian maka disarankan siswa meningkatkan *self-efficacy* sehingga siswa dapat memiliki kemampuan berpikir kreatif yang optimal.

ABSTRACT

Apriliya. 2020. Analysis of Students' Mathematical Creative Thinking Ability Material Sequences and Series Viewed from Self-Efficacy. Essay. Mathematics Education Study Program, Sultan Agung Islamic University Semarang. Supervisor I Mochamad Abdul Basir, M.Pd., Advisor II Dr. Imam Kusmaryono, M.Pd.

Keywords: Creative Thinking Ability, Sequences and Series, Self-Efficacy

This study aims to analyze the mathematical creative thinking skills of class XI students at MA N 1 Semarang City on the material of rows and rows in terms of self-efficacy.

The research method used is descriptive qualitative. This research was conducted online in class XI MIPA 4 MA N 1 Semarang City. The instruments used were the test instrument on the line and series material with a total of 3 description questions and the non-test instrument in the form of a self-efficacy questionnaire with 20 statements in the form of a google form link and an interview guide. The self-efficacy questionnaire was filled with 30 students of class XI at MA N 1 Semarang City. The subjects who took the creative thinking ability test were 6 students based on 2 students who had high self-efficacy, 2 students with moderate self-efficacy and 2 low self-efficacy .

The results of this study are that there is a relationship between self-efficacy and students' creative thinking abilities in the material of the sequence and series. That the level of self-efficacy is in line with students' mathematical creative thinking abilities, because students who have a high level of self-efficacy have the ability to think creatively who can be said to be creative, can do all the questions well. Students who have a moderate level of self-efficacy also have the ability to think creatively to do the questions well. And for students who have a low level of self-efficacy it is very difficult to think creatively in solving these questions so that they are only at the level of mathematical creative thinking skills in the uncreative category . Based on the research results, it is suggested that students improve self-efficacy so that students can have optimal creative thinking skills.