

## ABSTRAK

**Felicia Eleni Meyar Waruwu, 2021. *Pengaruh Strategi Pengembangan Self-Regulated Learning terhadap Prokrastinasi Akademik dan Kemampuan Berpikir Kreatif Matematis siswa kelas XI IPA pada materi Limit Fungsi Aljabar di SMA Negeri 1 Kalasan.***

Kemampuan berpikir kreatif matematis perlu dikembangkan guna mempermudah proses pemecahan masalah matematis yang sederhana maupun kompleks. Selain itu, siswa juga perlu mengontrol perilaku belajarnya salah satunya yakni prokrastinasi akademik. Penelitian ini bertujuan untuk 1) mendeskripsikan pengaruh strategi yang mengembangkan *self regulated learning* terhadap kemampuan berpikir kreatif matematis dan prokrastinasi akademik, 2) mendeskripsikan hubungan antara kemampuan berpikir kreatif matematis dengan prokrastinasi akademik, dan 3) mendeskripsikan tanggapan siswa terkait penerapan strategi yang mengembangkan *self regulated Learning* dalam pembelajaran.

Jenis penelitian ini yaitu *mixed-methods*. Subjek penelitian ini adalah siswa kelas XI IPA 1 dan XI IPA 2 SMA Negeri 1 Kalasan. Metode pengumpulan data yang digunakan antara lain observasi keterlaksanaan pembelajaran, tes kemampuan berpikir kreatif matematis dan penyebaran angket prokrastinasi akademik. Teknik analisis data yang digunakan antara lain menghitung persentase keterlaksanaan pembelajaran, menggunakan *paired t-test*, analisis korelasi, dan analisis tematik.

Penelitian ini menemukan tiga hal. Pertama, penerapan strategi yang mengembangkan *self regulated learning* tidak memiliki pengaruh yang signifikan terhadap prokrastinasi akademik dan kemampuan berpikir kreatif matematis. Walaupun demikian, secara deskriptif rata-rata siswa mengalami penurunan prokrastinasi akademik dan peningkatan kemampuan berpikir kreatif. Kedua, terdapat korelasi yang negatif ( $r = -0,443$  dengan  $p = 0,001$ ) antara prokrastinasi akademik dan kemampuan berpikir kreatif matematis. Ketiga, peneliti merangkum tanggapan siswa dalam enam tema antara lain dampak tugas daring terhadap kemampuan, penyesuaian waktu dengan kegiatan belajar, kelebihan dan kekurangan komponen pembelajaran, pemahaman siswa, keinginan siswa dalam belajar, dan pengelolaan waktu.

**Kata kunci:** strategi pengembangan *self regulated learning*, kemampuan berpikir kreatif matematis, prokrastinasi akademik, limit fungsi aljabar

**ABSTRACT**

***Felicia Eleni Meyar Waruwu, 2021. The Influence of Self-Regulated Learning Development Strategy on Academic Procrastination and Mathematical Creative Thinking Ability of Class XI Science Students on Limits of Algebraic Functions at SMA Negeri 1 Kalasan.***

*Mathematical creative thinking skills need to be developed in order to facilitate the process of solving simple and complex mathematical problems. In addition to these abilities, students also need to control their learning behavior, one of these learning behaviors is academic procrastination. This study aims to 1) describe the effect of strategies that develop self-regulated learning on mathematical creative thinking skills and academic procrastination, 2) describe the relationship between mathematical creative thinking skills and academic procrastination, and 3) describe student responses regarding the application of strategies that develop self-regulated learning in learning.*

*This type of research is mixed-methods. The subjects of this study were students of class XI IPA 1 and XI IPA 2, respectively, SMA Negeri 1 Kalasan. The methods of data collection are observation of the implementation of learning, tests of mathematical creative thinking skills and the distribution of academic procrastination questionnaires. The techniques of data analysis are calculating the percentage of learning implementation, using paired t-test, correlation analysis, and thematic analysis.*

*Researcher found three things. First, the application of strategies that develop self-regulated learning does not have a significant effect on academic procrastination and mathematical creative thinking skills. However, descriptively, the average student experienced a decrease in academic procrastination and an increase in creative thinking skills. Second, this study found a negative correlation ( $r = -0,443$  with  $p = 0,001$ ) between academic procrastination and mathematical creative thinking ability. Third, the researcher summarized student responses in six themes, including the impact of online assignments on abilities, adjustment of time with learning activities, advantages and disadvantages of learning components, student understanding, student desire in learning, and time management.*

***Keywords:*** *development strategy self regulated learning, mathematical creative thinking ability, academic procrastination, limit of algebraic function*