ABSTRAK

Graphia Fadhilah Nurrohmah, 1202050053, 2025. "Model Pembelajaran *Flipped Classroom* untuk Meningkatkan Kemampuan Koneksi Matematis dan *Self Determination* Peserta Didik Sekolah Menengah Atas".

Kemampuan koneksi matematis dan *self determination* merupakan dua aspek penting dalam pembelajaran matematika untuk mendukung pemahaman konsep dan kemandirian belajar peserta didik. Penelitian ini bertujuan untuk menganalisis efektivitas model pembelajaran *flipped classroom* dalam meningkatkan kedua aspek tersebut pada peserta didik Sekolah Menengah Atas. Metode penelitian yang digunakan yaitu eksperimen semu (*quasi eksperimen*) dengan desain penelitian *nonequivalent pre-test post-test control group design.* Penelitian ini dilaksanakan di kelas XI SMA Negeri 1 Ciparay tahun ajaran 2024/2025. Instrumen yang digunakan yaitu instrumen tes berupa soal uraian sebanyak enam soal dan instrumen non tes berupa angket skala sikap sebanyak 18 pernyataan. Hasil analisis data pada penelitian diperoleh; kemampuan koneksi matematis peserta didik yang memperoleh pembelajaran *flipped classroom* berdasarkan ketuntasan belajar mengalami peningkatan, begitu lupa pada peserta didik yang memperoleh pembelajaran ekspositori, peningkatan kemampuan koneksi matematis peserta didik yang memperoleh pembelajaran *flipped classroom* lebih baik dari pada peserta didik yang memperoleh pembelajaran ekspositori, *self determination* peserta didik yang memperoleh pembelajaran *flipped classrroom* maupun yang memperoleh pembelajaran ekspositori memberikan respons positif.

Kata Kunci: *Flipped Classroom,* Kemampuan Koneksi Matematis, *Self Determination*

ABSTRACT

Graphia Fadhilah Nurrohmah, 1202050053, 2025. "*Flipped Classroom Learning Model to Improve the Mathematical Connection and Self-Determination Abilities of High School Students*".

Mathematical connection abilities and self-determination are two important aspects in mathematics learning to support students' understanding of concepts and learning independence. This research aims to analyze the effectiveness of the flipped classroom learning model in improving these two aspects for high school students. The research method used was a quasi-experiment with a nonequivalent pre-test post-test control group design. This research was carried out in class XI *of* SMA Negeri 1 Ciparay *in the 2024/2025 academic year. The instruments used were a test instrument in the form of six descriptive questions and a non-test instrument in the form of an attitude scale questionnaire with 18 statements. The results of data analysis in the research were obtained; The mathematical connection ability of students who receive flipped classroom learning based on learning completeness has increased, so forget the students who receive expository learning, the increase in the mathematical connection ability of students who receive flipped classroom learning is better than students who receive expository learning, self-determination Students who received flipped classroom learning and those who received expository learning gave positive responses.*

***Keyword*:** *Flipped Classroom, Mathematical Connection Abilities, Self Determination*