

## ABSTRAK

**KHAIRINA HAZRATI. Analisis Perbedaan Kemampuan Koneksi Matematis dan *Self-Efficacy* Antara Siswa yang diberi Pendekatan Matematika Realistik dengan Pendekatan Inkuiri.**

Tujuan dari penelitian ini untuk mengetahui: (1) Untuk menganalisis perbedaan kemampuan koneksi matematis siswa yang diajar melalui pendekatan matematika realistik dengan pendekatan inkuiri. (2) Untuk menganalisis perbedaan *self-efficacy* siswa yang diajar melalui melalui pendekatan matematika realistik dengan pendekatan inkuiri. (3) Untuk menganalisis interaksi antara pendekatan pembelajaran (pendekatan matematika realistik dan pendekatan inkuiri) dan KAM (tinggi, sedang dan rendah) terhadap kemampuan koneksi matematis siswa. (4) Untuk menganalisis interaksi antara pendekatan pembelajaran (pendekatan matematika realistik dan pendekatan inkuiri) dan KAM (tinggi, sedang dan rendah) terhadap *self-efficacy* siswa. Subjek dalam penelitian ini adalah artikel jurnal mengenai perbedaan kemampuan koneksi matematis dan *self – efficacy* antara siswa yang diberi pendekatan matematika realistik dengan pendekatan inkuiri. Dengan metode pengumpulan data studi pustaka. Metode yang digunakan adalah studi pustaka. Hasil penelitian ini yaitu: (1) Terdapat perbedaan kemampuan koneksi matematis siswa antara siswa yang diberi pendekatan matematika realistik dengan pendekatan inkuiri. (2) Terdapat perbedaan *self-efficacy* siswa antara siswa yang diberi pendekatan matematika realistik dengan pendekatan inkuiri. (3) Terdapat interaksi antara pendekatan pembelajaran dan kemampuan awal matematika terhadap kemampuan koneksi matematis siswa. (4) Terdapat interaksi antara pembelajaran dan kemampua awal matematika terhadap *self-efficacy*.

Kata Kunci: Kemampuan Koneksi Matematis, *Self Efficacy*, Pendekatan Matematika Realistik, Pendekatan Inkuiri



## ABSTRACT

**KHAIRINA HAZRATI. Analysis of Differences in Mathematical Connection Ability and Self-Efficacy Between Students Given a Realistic Mathematical Approach with an Inquiry Approach.**

The purpose of this study was to determine: (1) To analyze differences in the mathematical connection abilities of students who are taught through a realistic mathematics approach with an inquiry approach. (2) To analyze differences in the self-efficacy of students who are taught through a realistic mathematics approach with an inquiry approach. (3) To analyze the interaction between the learning approach (realistic mathematics approach and inquiry approach) and KAM (high, medium and low) on students' mathematical connection abilities. (4) To analyze the interaction between the learning approach (realistic mathematics approach and inquiry approach) and KAM (high, medium and low) on student self-efficacy. The subjects in this study were journal articles regarding the differences in mathematical connection abilities and self-efficacy between students who were given a realistic mathematical approach with an inquiry approach. With the method of collecting literature study data. The method used is literature study. The results of this study are: (1) There are differences in students' mathematical connection abilities between students who are given a realistic mathematical approach with an inquiry approach. (2) There are differences in student self-efficacy between students who are given a realistic mathematical approach with an inquiry approach. (3) There is an interaction between the learning approach and the initial mathematical ability of students' mathematical connection abilities. (4) There is an interaction between learning and early math abilities on self-efficacy.

Keywords: Mathematical Connection Ability, Self Efficacy, Realistic Mathematical Approach, Inquiry Approach

