# ABSTRAK

Fatimah, Ersa Siti (2021), **“Analisis Kemampuan Koneksi Matematis berdasarkan Disposisi Matematik Siswa pada Materi Sistem Persamaan Linear Dua Variabel di Desa Jayaraga”**

Masih rendahnya kemampuan koneksi matematis dan disposisi matematik siswa berpengaruh terhadap prestasi belajar siswa. Oleh karena itu, peneliti ingin menganalisis kemampuan koneksi matematis dan disposisi matematik siswa di Desa Jayaraga. Tujuan penelitian ini adalah untuk mengetahui kemampuan koneksi matematis berdasarkan disposisi matematik siswa pada materi sistem persamaan linear dua variabel di desa Jayaraga. Populasi dalam penelitian ini adalah siswa SMP/MTs sederajat yang berada di desa jayaraga, sedangkan sampel dipilih berdasarkan teknik *purposive sampling* sebanyak 3 orang siswa. Analisis hasil penelitian ini menunjukkan bahwa kemampuan koneksi matematis dan disposisi matematik: (1) Kemampuan koneksi matematis dan disposisi matematik siswa masing-masing termasuk ke dalam kategori sedang. (2) Tingkat kemampuan disposisi matematik cenderung mempengaruhi tingkat kemampuan koneksi matematis siswa. Siswa yang memiliki kemampuan disposisi matematik tingkat kategori tinggi cenderung memiliki kemampuan koneksi matematis lebih baik. Siswa yang memiliki kemampuan disposisi matematik tingkat kategori sedang cenderung memiliki kemampuan koneksi matematis yang biasa. Dan siswa yang memiliki kemampuan disposisi matematik tingkat kategori rendah cenderung memiliki kemampuan koneksi matematis yang rendah.

**Kata Kunci :** Kemampuan Koneksi Matematis, Disposisi Matematik, Persamaan Linear Dua Variabel, Desa Jayaraga.

# ABSTRACT

*Fatimah, Ersa (2021), "****Analysis of Mathematical Connection Ability Based on Studens’ Mathematical Dispositions on The Matrial of The Two-Variable Linear Equation System in the Jayaraga Village"***

*The low ability of mathematical connections and mathematical dispositions of students have an effect on students achievement. There fore, the researcher wanted to analyze the mathematical disposition of students in Jayaraga Village. The purpose of this study was to determine the ability of mathematical connections based on the mathematical disposition of students on the material of two-variable linear equation systems in the village of Jayaraga. The population in this study were students of SMP or MTS equivalent who were in the Jayaraga village, while the sample was selected based on purposive sampling technique as many as 3 students. The analysis of the result of this study shows that the mathematical connection ability and mathematical disposition: (1) The mathematical connection ability and mathematical disposition of the students are in the medium category respectively. (2) The level of mathematical disposition ability tends to affect the level of students’ mathematical connection ability. Students who have high category level mathematical disposition abilities tend to have better mathematical connection skills. Students who have a moderate level of category level mathematical disposition abilities tend to have ordinary mathematical connection abilities . And students who have a low mathematical connection ability.*

***Keywords:*** *Mathematical Connection Ability, Mathematical Disposition, Two-Variable Linear Equations, Jayaraga Village.*