

ABSTRAK

Elisabet Resti Dianingsih. 141414044.2019. “Hubungan antara Sikap Siswa terhadap Matematika dengan Kemampuan Komunikasi Matematika Siswa Kelas VIII Semester 1 di SMP Pangudi Luhur Wedi Tahun Ajaran 2018/2019”. Skripsi. Program Studi Matematika. Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma Yogyakarta.

Penelitian ini bertujuan untuk mengetahui ada tidaknya hubungan positif dan signifikan antara sikap siswa terhadap matematika dan kemampuan komunikasi matematika. Penelitian ini dilaksanakan di SMP Pangudi Luhur Wedi tahun ajaran 2018/2019, pada bulan Oktober 2018.

Subyek penelitian ini adalah siswa kelas VIII SMP Pangudi Luhur Wedi. Dari populasi sebanyak 64 siswa, diambil sampel 22 dengan menggunakan teknik *Purposive sampling*. Data sikap siswa terhadap matematika diperoleh dari siswa yang mengisi angket sikap siswa yang dianalisis berdasarkan kriteria skor sikap siswa. Data kemampuan komunikasi matematika diperoleh dari tes kemampuan komunikasi matematika secara tertulis. Hipotesis diuji dengan menggunakan Korelasi *Pearson*.

Hasil penelitian menunjukkan bahwa terdapat hubungan antara sikap siswa terhadap matematika dan kemampuan komunikasi matematikanya dengan koefisien relasi sebesar 0,757 dan koefisien determinan sebesar 57,3049% sedangkan sisanya adalah pengaruh faktor lain. Hasil uji korelasi menunjukkan nilai $t_{hitung} = 5,183$ dan $t_{tabel} = 2,080$.

Kata Kunci: Sikap Siswa Terhadap Matematika, Kemampuan Komunikasi Matematika

ABSTRACT

Elisabet Resti Dianingsih. 1414114044.2019. "The Relation Between Students' Attitudes Toward Mathematics And Mathematical Communication Skills On Students Class VIII Pangudi Luhur Wedi Junior High School Academic 2018/2019. Thesis Math Education Study Program. Department Of Math Education And Science. Faculty Of Teachers Training And Education. Sanata Dharma University Yogyakarta.

The research aimed to find out whether there is a positive and significant relation between students' attitude toward mathematics and mathematical communication skills. The reasearch was conducted in Pangudi Luhur Wedi Junior High School in Academic Year 2018/2019, in October 2018.

The subjects of this research were the eight grade students of Pangudi Luhur Wedi Junior High School. The population were 64 students. The samples were 22 taken by using Purposive sampling Technicque. The data of students' attitude toward mathematics were obtained from students who filled questionnaires of students's attitude which were analyzed based on the criterion of student's attitude score. The data of mathematical communication skills obtained from the result of writing test mathematical communication skills. The hypothesis was tested by using Pearson correlation.

The result of research showed that there was a positive and significant relation between students' attitude toward mathematics and mathematical communication skills with the value of correlation coefficient 0,757 and value of determinant coefficient 57,305% while the rest was another factor. Correlation of test results showed that relation with $t_{hitung} = 5,183$ and $t_{tabel} = 2,080$. These results demonstrated that the accepted hypotesis.

Keyword: students' attitude toward mathematics, mathematical communication skills