

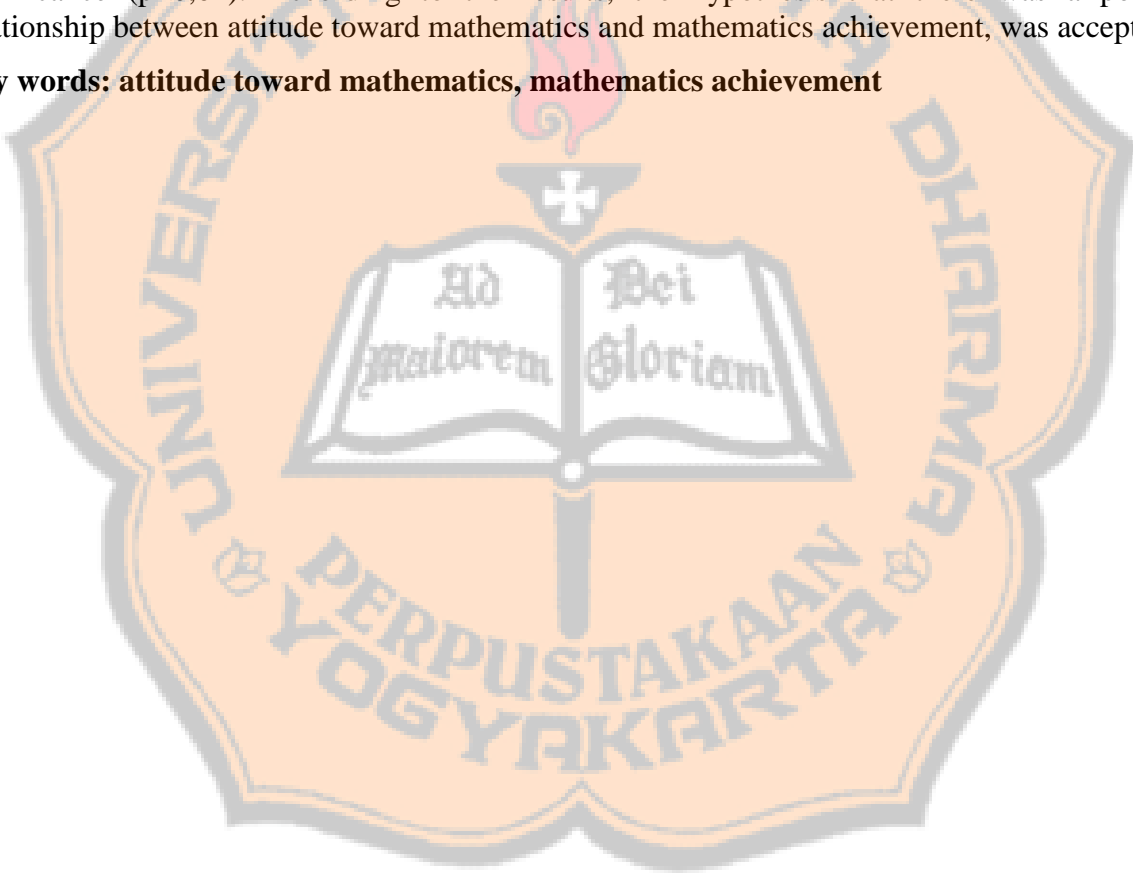
THE RELATIONSHIP BETWEEN ATTITUDE TOWARD MATHEMATICS AND MATHEMATICS ACHIEVEMENT AMONG FIFTH GRADE STUDENTS

Olivia Christina Dewi

ABSTRACT

This study aimed to find out the relationship between attitude toward mathematics and mathematics achievement among fifth grade students. The hypothesis proposed in this study was there was a positive relationship between attitude toward mathematics and mathematics achievement. The subjects in this study was 73 students in fifth grade of SD Kanisius Demangan Baru I Yogyakarta. Collection data in this study used attitude toward mathematics scales and documentation method of mathematics mark. Reliability of attitude toward mathematics scales tested using Alpha Cronbach reliability and obtained results as much as 0,920 of 40 items. Data were analyzed using Product Moment Pearson correlation technique in SPSS for Windows version 23 program. The data analysis shows the correlation (r) of 0,416 and 0,000 level of significance ($p < 0,01$). According to the results, the hypothesis that there was a positive relationship between attitude toward mathematics and mathematics achievement, was accepted.

Key words: attitude toward mathematics, mathematics achievement



HUBUNGAN ANTARA SIKAP TERHADAP MATEMATIKA DAN PRESTASI MATEMATIKA PADA SISWA SD KELAS V

Olivia Christina Dewi

ABSTRAK

Penelitian ini bertujuan untuk mengetahui hubungan antara sikap terhadap matematika dan prestasi matematika siswa SD kelas V. Hipotesis yang diajukan dalam penelitian ini adalah ada hubungan positif antara sikap terhadap matematika dan prestasi matematika. Subjek penelitian ini adalah 73 siswa SD Kanisius Demangan Baru I Yogyakarta kelas V. Pengumpulan data dalam penelitian ini menggunakan skala sikap terhadap matematika dan metode dokumentasi berupa nilai matematika. Reliabilitas skala sikap terhadap matematika diuji dengan menggunakan metode reliabilitas Alpha Cronbach dan diperoleh hasil sebesar 0,920 dari 40 aitem. Data dianalisis menggunakan teknik korelasi Pearson Product Moment pada program SPSS for Windows versi 23. Hasil analisis data menunjukkan nilai korelasi (r) sebesar 0,416 dengan taraf signifikansi sebesar 0,000 ($p < 0,01$). Berdasarkan hasil tersebut, maka hipotesis yang menyatakan ada hubungan positif antara sikap terhadap matematika dan prestasi matematika, diterima.

Kata kunci: sikap terhadap matematika, prestasi matematika

