

ABSTRAK

Martogi Ray Martin Situmorang, NIM 4192411026, Pengaruh Model Pembelajaran Kooperatif Tipe *Think Pair Share* Terhadap Kemampuan Komunikasi Matematis Siswa SMA Swasta Markus Medan

Penelitian ini bertujuan untuk mengetahui apakah terdapat pengaruh model pembelajaran kooperatif tipe *think pair share* terhadap kemampuan komunikasi matematis siswa. Penelitian ini dilakukan di SMA Swasta Markus Medan. Metode penelitian yang digunakan adalah metode *quasi experiment*. Sampel dalam penelitian ini terdiri dari dua kelas yaitu kelas XI IPA-1 sebagai kelas eksperimen dan kelas XI IPA-2 sebagai kelas kontrol. Kelas eksperimen menggunakan model pembelajaran *think pair share*, dan kelas kontrol dengan pembelajaran konvensional. Perolehan hasil rata-rata skor tes akhir (post-test) siswa kelas eksperimen yaitu sebesar 84,33, sedangkan pada kelas kontrol hasil rata-rata skor tes akhir siswa yaitu sebesar 70,14. Pada uji hipotesis, diperoleh hasil uji perbedaan rata-rata (uji-t) dengan statistic nilai $t_{hitung} > t_{tabel}$ ($8,342 > 1,671$) yang artinya terdapat pengaruh dari penggunaan model pembelajaran *think pair share* yang diterapkan pada kelas eksperimen. Hal tersebut menandakan bahwa kemampuan komunikasi matematis siswa kelas eksperimen lebih baik daripada kelas kontrol

Kata kunci: Pembelajaran Kooperatif *Think Pair Share*, Kemampuan Komunikasi Matematis

ABSTRACT

Martogi Ray Martin Situmorang, NIM 4192411026, The Influence of the Think Pair Share Type Cooperative Learning Model on the Mathematical Communication Ability of SMA Markus Medan

This research aims to determine whether there is an influence of the think pair share cooperative learning model on students' mathematical communication skills. This research was conducted at SMA Markus Medan. The research method used is a quasi experimental method. The sample in this study consisted of two classes, namely class XI IPA-1 as the experimental class and class XI IPA-2 as the control class. The experimental class uses the think pair share learning model, and the control class uses conventional learning. The average result of the final test score (post-test) for experimental class students was 84.33, while in the control class the average final test score for students was 70.14. In the hypothesis test, the results of the mean difference test (t-test) were obtained with the statistical value $t_{hitung} > t_{tabel}$ ($8,342 > 1,671$), which means that there is an influence from the use of the think pair share learning model applied in the experimental class. This indicates that the mathematical communication skills of experimental class students are better than those in the control class

Keywords: Think Pair Share Cooperative Learning, Mathematical Communication Skills