

## ABSTRAK

**Theresia Dwi Ambarwati. 2018. Pengaruh Model Pembelajaran Kooperatif Tipe *Think Pair Share* Menggunakan Lembar Kerja Siswa (LKS) pada Sub Pokok Bahasan Aturan Sinus dan Cosinus terhadap Hasil Belajar Siswa Kelas X TPMP SMK Negeri 2 Depok Sleman. Skripsi. Yogyakarta: Program Studi Pendidikan Matematika, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma.**

Penelitian ini bertujuan untuk mengetahui (1) keterlaksanaan model pembelajaran kooperatif tipe *Think Pair Share* yang menggunakan Lembar Kerja Siswa (LKS), (2) pengaruh model pembelajaran kooperatif tipe *Think Pair Share* yang menggunakan Lembar Kerja Siswa (LKS) terhadap hasil belajar siswa kelas X TPMP SMK N 2 Depok Sleman.

Penelitian ini adalah penelitian kuantitatif dengan jenis penelitian eksperimental. Desain penelitian eksperimental yang digunakan yaitu desain pra-eksperimental (*pre-experimental designs*) tipe satu kelompok prates-postes (*the one group pretest-posttest*). Populasi penelitian adalah siswa-siswi kelas X SMK Negeri 2 Depok Sleman Tahun Ajaran 2017/2018. Sampel penelitian adalah siswa-siswi kelas X TPMP (Teknik Pengolahan Gas, Migas dan Petrokimia) SMK Negeri 2 Depok Sleman Tahun Ajaran 2017/2018. Variabel bebas dalam penelitian ini adalah model pembelajaran kooperatif tipe *Think Pair Share* dengan menggunakan Lembar Kerja Siswa (LKS), sedangkan variabel terikat yaitu hasil belajar siswa kelas X TPMP SMK N 2 Depok Sleman Tahun Ajaran 2017/2018. Teknik pengumpulan data dilakukan dengan pemberian tes untuk mendapatkan data dari hasil belajar siswa baik tes awal (*pre-test*) dan tes akhir (*post-test*) serta observasi keterlaksanaan pembelajaran.

Hasil penelitian menunjukkan bahwa: (1) keterlaksanaan model pembelajaran kooperatif tipe *Think Pair Share* secara keseluruhan adalah 96,88%, hal ini menunjukkan bahwa keterlaksanaan model pembelajaran kooperatif tipe *Think Pair Share* terlaksana dengan baik, (2) berdasarkan analisis uji hipotesis beda dua rata-rata data dependen (*dependent t-test*) diperoleh  $t = 10,333$  dan  $t_{\alpha} = 1,697$ , karena  $t > t_{\alpha}$  maka  $H_0$  ditolak atau selisih nilai tes awal (*pre-test*) dan nilai tes akhir (*post-test*) lebih besar daripada nol. Jadi dapat disimpulkan bahwa model pembelajaran kooperatif tipe *Think Pair Share* menggunakan Lembar Kerja Siswa (LKS) berpengaruh positif terhadap hasil belajar siswa kelas X TPMP SMK Negeri 2 Depok Sleman Tahun Ajaran 2017/2018 pada sub pokok bahasan aturan sinus dan cosinus.

Kata kunci : Model pembelajaran kooperatif tipe *Think Pair Share*, Lembar Kerja Siswa (LKS), hasil belajar siswa.

## ABSTRACT

***Theresia Dwi Ambarwati. 2018. The influence of Cooperative Learning Model with the Type Think Pair Share Using Student Worksheet on Sub Subjects of Sinus and Cosinus Rules on Student Result of Class X TPMP SMK Negeri 2 Depok Sleman. Thesis. Yogyakarta: Mathematics Education Study Program, Faculty of Teacher Training and Education, Sanata Dharma University.***

*This research was aimed to find out (1) the implementation of cooperative learning model with the type Think Pair Share using student worksheet, (2) the effect of cooperative learning model with the type Think Pair Share using student worksheet on learning result of students class X TPMP SMK Negeri 2 Depok Sleman.*

*This research was a quantitative research with experimental research type. The experimental research design used was pre-experimental design of the one group pretest-posttest type (the one group pretest-posttest). The research population was the students of class X SMK Negeri 2 Depok Sleman school year 2017/2018. The sample of this research was the students of Class X TPMP SMK Negeri 2 Depok Sleman school year 2017/2018. The independent variable in this research was cooperative learning model with the type Think Pair Share using student worksheet. While the dependent variable was learning result of students class X TPMP SMK Negeri 2 Depok Sleman. The data collection technique was conducted by giving the tests to obtain the data from mathematics learning outcomes including both the pre-test and the final test (post-test) and the observation sheet of learning implementation.*

*The results of the research showed that: (1) the implementation of cooperative learning model with the type Think Pair Share was 96,88%, it shows that the implementation of cooperative learning model with the type Think Pair Share was done well, (2) based on the dependent t-test obtained  $t = 10,333$  and  $t_{\alpha} = 1,697$ , because  $t > t_{\alpha}$  then  $H_0$  was rejected or the difference of the pre-test value and the final test (post-test) value was greater than zero. So it can be concluded that cooperative learning model with the type Think Pair Share using student worksheet had a positive effect on learning result of students class X TPMP SMK Negeri 2 Depok Sleman school year 2017/2018 on the material of sinus and cosinus rules.*

***Keywords:*** cooperative learning model with the type Think Pair Share, student worksheet, learning result.