ABSTRAK

SILVIANUS GOLE. *Membandingkan motivasi dan prestasi belajar fisika siswa yang diberi model flexible homework dengan motivasi dan prestasi belajar fisika siswa yang diberi model traditional homework pada pokok bahasan kinematika gerak lurus dan gerak parabola dengan analisis vektor pada siswa kelas XI IPA SMA Frater Makassar*. **Skripsi, Yogyakarta: Program Sarjana Pendidikan, Universitas Sanata Dharma Yogyakarta. 2012.**

Penelitian ini bertujuan untuk mendeskripsikan *flexible homework* sebagai model pembelajaran dalam meningkatkan motivasi dan prestasi belajar fisika pada pokok bahasan kinematika gerak lurus dan gerak parabola pada siswa kelas XI IPA SMA Frater Makassar dengan: 1) Membandingkan prestasi belajar fisika siswa yang diberi model *flexible homework* dengan prestasi belajar fisika siswa yang diberi model *traditional homework*; 2) Membandingkan ketuntasan belajar fisika siswa yang diberi model *flexible homework* dengan ketuntasan belajar fisika siswa yang diberi model *traditional homework;* 3) Membandingkan motivasi belajar fisika siswa yang diberi model *flexible homework* dengan motivasi belajar fisika siswa yang diberi model *traditional homework.*

Penelitian ini merupakan penelitian kuantitatif eksperimental dengan desain pretest - posttest dengan kelompok non-ekuivalen. Penelitian ini menggunakan dua kelompok yaitu kelompok treatmen dan kelompok kontrol. Populasi penelitian ini mancakup seluruh siswa kelas XI IPA SMA Frater Makassar yang terdiri atas 2 kelas. Jumlah sampel seluruhnya adalah 74 siswa yang terdiri atas 37 siswa kelas XI IPA 1 dan 37 siswa kelas XI IPA 2. Data dikumpulkan dengan menggunakan tes. Untuk membandingkan prestasi belajar fisika siswa, data dianalisis dengan menggunakan statistik Uji-*t* dengan $\alpha = 0{,}05$.

Hasil penelitian menunjukkan bahwa: 1) Prestasi belajar fisika siswa yang diberi model *flexible homework* lebih tinggi dari pada prestasi belajar fisika siswa yang diberi model *traditional homework*; 2) Ketuntasan belajar fisika siswa yang diberi model *flexible homework* lebih tinggi dari pada ketuntasan belajar fisika siswa yang diberi model *traditional homework;* 3) Motivasi belajar fisika siswa yang diberi model *flexible homework* tidak lebih tinggi dari pada motivasi belajar fisika siswa yang diberi model *traditional homework.*

ABSTRACT

SILVIANUS GOLE. *Comparing the motivations and achievement of students who studied physics that given flexible homework model with motivation and achievement of students who studied physics given the traditional homework model on the subject kinematics of parabola motion and straight motion with vector analysis on the students of grade XI of natural science SMA Frater Makassar.***Thesis, Yogyakarta: Undergraduate Education, Sanata Dharma Yogyakarta. 2012.**

The purpose of this research is to describe the flexible homework as a learning model in increasing motivation and learning achievements of Physics on the subject kinematics of parabola motion and straight motion on the students of grade XI natural science Frater Makassar: 1) comparing the achievement of students who studied physics that given flexible homework model with students who studied physics achievement that given traditional homework model; 2) Comparing students who studied physics completeness that given a flexible homework model with students who studied physics that given a traditional homework model; 3) Comparing the motivations of students who studied physics that given flexible homework model with the motivation of students who studied physics that given traditional homework model

This research is quantitative experimental research designed with pretest-posttest with a non-equivalent groups. This research used two groups namely treatment group and the control group. The population of this research covers the whole grade natural science SMA Frater Makassar that consists of two classes. The number of samples is entirely 74 students which consist of 37 grade XI natural science -1 students and 37 grade XI natural science- 2. The data collected using the test. To compare the physics achievement of students, the data analyzed by using statistical t-test with $\alpha = 0.05$.

The results shows: 1) the achievements of students who studied physics that given flexible homework model is higher than the achievement of students who studied physics that given traditional homework model; 2) student's completeness who studied physics that given a flexible homework model is higher than student's completeness who studied physics that given a traditional homework model; 3). the motivations of students who studied physics that given flexible homework model is not higher than the motivation of students who studied physics that given traditional homework model.