ABSTRAK

Tri Astuti Mardiana. Efek Model Pembelajaran Group Investigation Dan Motivasi Terhadap Hasil Belajar Fisika Siswa SMA.

Penelitian ini bertujuan untuk: (1) Mengetahui perbedaan hasil belajar Fisika siswa anatar model pembelajaran *Group Investigation* dan model pembelajaran Ekspositori (2)Mengetahui hasil belajar Fisika antara siswa yang memiliki motivasi belajar tinggi dan motivasi belajar rendah (3)Apakah ada interaksi antara model pembelajaran *Group Investigation* dengan model pembelajran Ekspositori *dan* motivasi siswa dalam meningkatkan hasil belajar. Penelitian ini merupakan penelitian quasi eksperimen dengan desain faktorial 2x2. Populasi penelitian ini adalah seluruh siswa kelas X SMA Swasta Prayatna. Pemilihan sampel dilakukan secara random dengan mengacak kelas. Instrumen yang digunakan terdiri dari: (1) tes hasil belajar (2) tes angket motivasi belajar siswa. Adapun tes yang digunakan untuk memperoleh data adalah berbentuk essay. Data dalam penelitian ini dianalisis dengan menggunakan analisis ANAVA dua jalur. Hasil penelitian menunjukkan bahwa: (1) Terdapat perbedaan hasil belajar Fisika antara siswa yang menggunakan model pembelajaran *Group Investigation* dibandingkan dengan siswa yang menggunakan model pembelajaran *Ekspositori*. (2) Terdapat perbedaan hasil belajar Fisika siswa yang memiliki motivasi belajar rendah dan motivasi belajar tinggi baik di kelas *Group Investigation* dan di kelas Ekspositori. (3) Terdapat interaksi antara model pembelajaran *Group Investigation* dan Ekspositori dengan motivasi belajar dalam meningkatkan hasil belajar Fisika.

ABSTRACT

Tri Astuti Mardiana. The Effects of Cooperative Learning Model Group Investigation And Motivation toward Physics Learning Result Class X SMA Prayatna.

This research aimed to (1) Find out difference the students physics achievement among the *Group Investigation* learning and learning model ekspository. (2) To figure out the learning outcome physics of students between the students of high learning motivation with those who had low lerning motivation. (3) To figure the interaction between using of *Group Investigation* lerning with the motivation to improve the learning outcome physics of students. This research used a quasi experiment with 2x2 factorial design. The population of this research was the students of second semester of grade X SMA Prayatna. Random sample selection is done by randoming the class. The instrument used consisted of: (1) Achievement test (2) Students motivation questionnaire. The tests are used to obtain the data is shaped essay. The data in this study were analyzed using ANOVA analysis of two paths. The results showed that: (1) There were differences in learning outcomes between students who used the physics model of Group Investigation learning compared with students who used the Ekspositori teaching model. (2) There was a difference in students learning outcomes that had a low learning motivation and high motivation to learn both in the classroom and in the classroom Group Investigation Ekspositori. (3) There was interaction between learning models instruction Ekspositori Group Investigation and motivation to learn in improving learning uotcomes Physics.