

## ABSTRACT

Dewiyanti Hartanto (01669190071)

### COMPARISON OF LEARNING INTEREST, LEARNING MOTIVATION, AND LEARNING OUTCOME OF STUDENTS OF CLASS X MIPA REGINA PACIS BOGOR IN MATERIALS SYSTEM OF LINEAR EQUATIONS THREE VARIABLES MANDATORY MATHEMATICS IN ONLINE LEARNING

(xvi + 86; 10 figures; 36 tables; 13 appendices)

This study aims to find a comparison of interest in learning, learning motivation, and student learning outcomes in class XMIPA SMA Regina Pacis Bogor in the matter of a three-variable system of linear equations in compulsory mathematics lessons during online learning. This research is quasi-experimental research involving the dependent variable of learning outcomes, and the independent variables are learning interest and learning motivation. The research subjects were 60 students who were divided into two groups, namely the experimental group (30 students) and the control group (30 students). The data collection instruments used were written tests (pretest and posttest) for learning outcomes and questionnaires for learning interest and motivation. By using the Mean test, it was found that there was no difference in students' interest in learning in the control class and the experimental class as well as in learning motivation. Meanwhile, to determine student learning outcomes, the Mann-Whitney test was used and it was found that there was a difference in the mean of learning outcomes between the control and experimental classes. . By using the ANOVA table, it can be seen that interest and learning motivation in the control class have no linear effect on learning outcomes in the control class and experimental class

Keywords: *interest in learning, learning motivation, and learning outc*

Ref: 60 (2014-2021)

## ABSTRAK

Dewiyanti Hartanto (01669190071)

### **PERBANDINGAN MINAT BELAJAR, MOTIVASI BELAJAR, DAN HASIL BELAJAR SISWA KELAS X MIPA SMA REGINA PACIS BOGOR DALAM MATERI SISTEM PERSAMAAN LINEAR TIGA VARIABEL PELAJARAN MATEMATIKA WAJIBPADA MASA PEMBELAJARAN *ONLINE***

(xvi + 86; 10 gambar; 36 tabel; 13 lampiran)

Penelitian ini bertujuan untuk mencari perbandingan minat belajar, motivasi belajar dan hasil belajar siswa kelas XMIPA SMA Regina Pacis Bogor dalam materi sistem persamaan linear tiga variable pelajaran matematika wajib pada masa pembelajaran online. Penelitian ini merupakan penelitian *Quasi Experiment* yang melibatkan variabel terikat hasil belajar, serta variabel bebasnya adalah minat belajar dan motivasi belajar. Subyek penelitian sebanyak 60 peserta didik yang dibagi menjadi dua kelompok yaitu kelompok eksperimen (30 siswa) dan kelompok control (30 siswa). Instrumen pengumpulan data yang dipergunakan berupa tes tertulis (pretest dan posttest) untuk hasil belajar dan kuesioner untuk minat serta motivasi belajar. Dengan menggunakan uji Mean didapatkan bahwa tidak ada perbedaan minat belajar siswa pada kelas control dan kelas eksperimen demikian juga pada motivasi belajar . sedangkan untuk mengetahui hasil belajar siswa digunakan uji *MannWithney* dan didapatkan bahwa ada perbedaan mean hasil belajar antara kelas control dan eksperimen. . dengan menggunakan Tabel Anova terlihat bahwa minat dan motivasi belajar pada kelas control tidak berpengaruh linear terhadap hasil belajar pada kelas control dan kelas eksperimen

Kata Kunci : *minat belajar, motivasi belajar, dan hasil belajar*

Ref: 60 (2014-2021)