ABSTRAK

PENGARUH PEMBERIAN *REENFORCEMENT* BERUPA PEMBERIAN POIN KEAKTIFAN PADA PEMBELAJARAN BENTUK AKAR TERHADAP MOTIVASI DAN HASIL BELAJAR MATEMATIKA SISWA KELAS X SEMESTER I SMA N 2 SUKOHARJO

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Penelitian ini bertujuan untuk mengetahui pengaruh pemberian *reenforcement* berupa poin keaktifan terhadap motivasi dan hasil belajar matematika siswa kelas X I.S. 4 SMA N 2 Sukoharjo pada pembelajaran bentuk akar.

Jenis penelitian ini adalah penelitian kuantitatif dan penelitian kualitatif. Subjek penelitian ini adalah siswa kelas X I.S. 4 SMA N 2 Sukoharjo yang berjumlah 32 orang. Penelitian dilaksanakan pada semester I tahun ajaran 2013/2014 pada pokok bahasan bentuk akar. Penelitian diawali dengan observasi kegiatan pembelajaran siswa. Pelaksanaan pembelajaran dilakukan 3 kali pertemuan. Pengambilan data motivasi belajar dilakukan dengan menggunakan kuesioner. Pengambilan data prestasi belajar dilakukan dengan menggunakan tes prestasi belajar. Tes awal dan akhir sudah diuji validitas dan reliabilitasnya. Hasil selisih *pre-test* dan *post-test* diuji normalitasnya kemudian diuji menggunakan statistik t-test *dependent*.

Hasil yang didapat dari penelitian ini adalah: (1) selisih *pre-test* dan *post-test* berdistribusi normal. Dari perhitungan dengan rumus t-test diperoleh ada perbedaan *pre-test* dan *post-test,* sehingga diperoleh kesimpulan bahwa pemberian *reenforcement* berupa poin keaktifan mempengaruhi prestasi belajar matematika siswa kelas X I.S. 4 SMA N 2 Sukoharjo. (2) motivasi yang dimiliki siswa secara keseluruhan dalam mengikuti pembelajaran dapat digolongkan ke dalam motivasi yang baik. Hal ini terbukti dari persentase rata-rata skor yang didapatkan adalah 80,275% dan persentase tersebut tergolong ke dalam kategori motivasi yang baik.

Kata kunci: pemberian *reenforcement*, poin keaktifan, motivasi, hasil belajar.

ABSTRACT

INFLUENCE THE ACTIVITY OF THE REENFORCEMENT SYSTEM IN THE FORM OF POINTS ON THE MATERIAL SHAPE OF THE ROOTS OF MOTIVATION AND LEARNING OUTCOMES OF STUDENTS OF CLASS X SEMESTER 1 PUBLIC HIGH SCHOOL 2 SUKOHARJO

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This research is aimed to identify the effect of the activity points toward reenforcement in the form of motivation and learning outcomes math class X I.S.4 SMA N 2 Sukoharjo on learning the roots.

The type of this is quantitative research and qualitative research. The subjects of this research were class X I.S.4 students of SMA N 2 Sukoharjo consisting of 32 peoples. This research was conducted in the first semester, in the academic year 2013/2014 on the topic of the roots. The research was started by observations of the students learning activities. Implementation of learning was conducted in three meetings. The data of students motivation were gathered using questionnaire. the data of students achievement were obtained by using achievement tests. The pre-test and post-test had been verified for their validity and reliability. Difference between of pre-test and post-test is tested using normality test statistic then it tested using a t-test dependent.

The results of the research indicated: (1) the difference between the pre-test and post-test is normal. By t-test we can obtained that pre-test and post-test are different. So it can be concluded that a points reenforcement system activity affect students' mathematics learning achievement of class X I.S.4 SMA N 2 Sukoharjo. (2) motivation of the students as a whole in the following study can be classified into good motivation. This is evident from the average percentage score obtained is 80,275% and the percentage belonging to the category of good motivation.

Key words: the reenforcement, points tiveliness, motivation, learning outcomes.