**ABSTRAK**

**Muhammad Halim Nasution**, Penerapan Pembelajaran *Project Based Learning (PjBL)* Untuk Meningkatkan Kemampuan Pemecahan Masalah dan Dampaknya pada *Self Efficacy* Matematika Siswa MTs. Tesis Program Pascasarjana Pendidikan Matematika Universitas Pasundan Bandung, Tahun 2014.

Penelitian ini bertujuan untuk mengembangkan kemampuan pemecahan masalah dan *self efficacy* matematika siswa MTs. Menurut metodenya, penelitian ini merupakan penelitian *Mixed Method Strategi Embedded konkuren*. Populasi dan sampel yang diambil dalam penelitian ini adalah siswa kelas VIII MTs Atta’Zhimiyah Bandung sebanyak dua kelas yang dipilih secara acak. Instrumen yang digunakan dalam penelitian ini adalah tes dan non tes. Tes yang digunakan berupa tes tipe uraian. Non tes yang digunakan berupa Skala sikap *Self Efficacy* dan lembar observasi berisikan pernyataan-pernyataan sikap *Self efficacy* siswa terhadap pembelajaran matematika dengan menggunakan pembelajaran *Project Based Learning (PjBL)* dan sikap *self efficacy* siswa terhadap soal-soal kemampuan pemecahan masalah. Berdasarkan hasil analisis data hasil penelitian diperoleh kesimpulan : (1). Kemampuan pemecahan masalah matematika siswa yang menggunakan pembelajaran *Project Based Learning (PjBL)* lebih baik daripada pembelajaran ekspositori. (2). Peningkatan kualitas kemampuan pemecahan masalah matematika siswa yang memperoleh model pembelajaran *Project Based Learning (PjBL)* dan kemampuan siswa yang memperoleh pembelajaran matematika secara ekspositori. (3). Kemampuan *Self efficacy* matematika siswa yang memperoleh pendekatan pembelajaran *Project Based Learning (PjBL)* lebih baik daripada kemampuan siswa yang memperoleh pembelajaran matematika secara ekspositori. (4) Peningkatan kualitas kemampuan *Self efficacy* matematika siswa yang memperoleh pendekatan pembelajaran *Project Based Learning (PjBL).* (5). Terdapat korelasi antara kemampuan pemecahan masalah dengan *self efficacy* matematika siswa.

Kata Kunci : *Project Based Learning (PjBL)*, Kemampuan pemecahan masalah, *Self Efficacy.*

***ABSTRACT***

***Muhammad Halim Nasution****, The implementation of Project Based Learning (PjBL) studied for increase the ability of problems solving and the impact to self efficacy in mathematics for MTs Students. The program of this thesis Magister of Mathematis Education Pasundan University Bandung 2014.*

*This function of this research is for increase the ability of the problem solving and self efficacy in mathematics fotr MTs students. Based of method, this tesearch were a mixed method strategy embedded konkuren research was from the students by VIII grades MTs Atta’Zhimiyah Bandung as many as twelve class who selection in random. The instrument that used from this research were test and non test. The test that used consist by describing type. Non tets that used consistent characteristic scale from student self efficacy and classifier of observation consistent of pronouncements the characteristic the student in self efficacy concerning in mathematics learning with used Project Based Learning (PjBL) and the characteristics students in self efficacy concerning with the answer of problems solving abilitu. Based the conclusion of the result this analysis and data were (1).The ability of problems solving in mathematics who gets a learning model from Project Based Learning (PjBL) is better then ability who gets learning from mathematics based expository. (2).The increase quality of the problems solving ability of students mathematics who gets a learning model from Project Based Learning (PjBL) and than students ability and gets mathematics learning from Project Based Learning (PjBL). (3).The self efficacy ability in mathematics, who gets a learning approach from Project Based Learning (PjBL) is better then ability who gets learning from mathematics based expository. (4). The increase quality of self efficacy ability from students mathematics who gets learning approach from Project Based Learning (PjBL). (5).The correlation between the ability of problems solving with self efficacy students mathematics.*

*Keywords : Project Based Learning (PjBL), The ability of problem solving, self efficacy*