ABSTRACT

Angga Akbar Maulana. 2018. *The Application of Model Discovery Learning to Develop the Ability of Complex Decision Making Student of Class X to the Concept of Ecosystem. Advisors:* **H. Dadi Setia Adi, M.Sc, Ph.D. dan Dr. Cartono, M.Pd, M.T.**

The purpose of this research to get information about of students ability for decryption complex through the application of discovery learning model. Make that decision is an act to get a conclusion, a decision it can be said complex if the high consideration. The research was conducted in high school 15 Bandung. This research was conducted using descriptive methods, That is a method that describe the state of students actually. Several aspects of measured in this is the aspects of research students ability for decryption complex, the activity of students and teachers in carrying out learning discovery learning and said it would follow the students after they had participated in learning response said it would follow the discovery learnin. Based on the research done, that after learning it would follow the one discovery learning, students ability for decryption complex characterized by changes in terms of category complex decision students from intuition to rational. The activity of students and teachers adapted to syntax model discovery learning, the experimental work on this implementation included in the category of good. Students discovery learning model response to this positive with a average responded well.

Keywords : Compleks decision making, Discovery learning