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Thesis Title : Development of Multivision Slide-Controller and its Efficiency in Education

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Abstract

The purpose of this research was to develop the multivision slide-controller and its efficiency in education. The research instruments composed of a multivision slide-controller, operation manual, sample program and opinions evaluation form. These instruments were approved by five educational technology specialists and five electrical or computer engineering specialists. There were two groups of samples. The first group composed of 20 students from Department of Educational Technology, Faculty of Education and Department of Agricultural Extension and Communication, Faculty of Agriculture at Kasetsart University. The second group composed of 20 third year undergraduate students majoring in Educational Technology, Faculty of Education, Kanchanaburi Rachpat College. They were assigned to use and operate the controller by using the sample program and evaluate by filling out the evaluation forms. The data were analyzed by the means of percentage, arithmetic mean, and standard deviation.

The result of the research revealed that the efficiency of the multivision slide-controller, developed by the researcher was 89.65% higher than the given criterion.