

DETERMINANTS OF LEARNING PROGRAMMABLE LOGIC CONTROLLER USING PATH ANALYSIS

by Masduki Zakarijah; Mashoedah; Suprpto; Arya Sony; Pramudi Utomo; Umi Rochayati

ABSTRACT

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The objectives of this study: (1) identify the substance of PLC programming learning according to the adequacy of competencies, (2) determine the factors that contribute to the implementation of PLC programming learning, (3) create a determinant model of PLC programming learning, (4) test the determinant model of programming learning PLC.

This research method uses positivistic-quantitative with a multivariable relation approach. The use of Path Analysis is expected to describe the relational pattern between variables in PLC programming learning.

The results obtained in this study are: (1) determinant model of PLC programming learning, and (2) relational analysis between variables in PLC programming learning, which consists of positive and negative impact relations (standardized solutions), as well as the associated T-Values. with the significance of the relation between variables.

Kata Kunci: *determinants of PLC programming learning, path analysis, path analysis.*