

NHẬN DẠNG HỆ THỐNG BẰNG PHƯƠNG PHÁP QUY HOẠCH THỰC NGHIỆM

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TÓM TẮT:

In technique, we usually deal with practical problems which have to find the dependent relationship between inputs and outputs of a system.

This paper deals with the use of mathematic programming theory to plan experiment to obtain necessary data of a system. From that the data can be processed to recognize system model. The problem can be developed in the way of using orthogonal programming in order to reduce the number of experiment with out losing information about the object. There is another way to apply this in recognition of nonlinear models or models with complicated relationship.

The results obtained can be applied into many technical problems. In addition, this recognition can be applied in economy, agriculture areas.