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MODEL OF STRUCTURAL IDENTIFICATION BY DIFFRACTION ANALYSIS OF CONTINUOUS DYNAMIC OBJECTS

This paper discusses the technique of structural decomposition of a polynomial press transfer function of the object received from output transition function, in a set of skeleton diagrams consisting of typical parts of automatic devices. The choice of the "optimum" skeleton diagram is carried out by criterion of "entropy" minimum.

Keywords: polynomial identification, transfer function, decision tree, entropy of structure.

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