Informatika i sistemy upravleniya. – 2019. – No. 2(60). – P. 66-76.

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THE USE OF MARKOV MODELS IN THE PROBLEMS OF OPTIMAL TUNING

The problem of calculating the optimum values of the setting parameters determined in the course of operational (preventive) adjustments of analog technical devices is considered. The paper focuses on the adjustment procedure with due regard to the operational changes in the parameters of the examined devices technical condition, which can be described by the models of continuous Markov processes.

Keywords: technical device, tuning, parameter, probability, random process, optimization, reliability, performance.

DOI:10.22250/isu.2019.60.66-76

For citation:

Abramov O.V. THE USE OF MARKOV MODELS IN THE PROBLEMS OF OPTIMAL TUNING
// Informatika i sistemy upravleniya. – 2019. – No. 2(60). – P. 66-76.