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IIM> Vol.3 No.2, March 2011

Semi-Markovian Model of Unreliable Control of Restorable System with Latent Failures

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ABSTRACT
Semi-Markovian model of control of restorable system with latent failures has been built with regard to control errors. Stationary reliability and efficiency characteristics of its operation have been found. The problem of control execution periodicity optimization has been solved.

KEYWORDS
Control, Control Errors, Latent Failure, Semi-Markovian Process, System Stationary Characteristics

Cite this paper
Y. Obzherin, A. Peschansky and Y. Boyko, "Semi-Markovian Model of Unreliable Control of Restorable System with Latent Failures," *Intelligent Information Management*, Vol. 3 No. 2, 2011, pp. 49-55. doi: 10.4236/iim.2011.32006.

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