Confident estimation of the reliability indicators for the model of system with unloaded reservation by results of its elements testing in the variable mode of work

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Problem of confidence estimation of reliability for the system model with unloaded reservation within its individual subsystems by testing its components in different modes was considered. Confidence bound was built for the core indicators of reliability, service life and residual life of the system.

Keywords: reliability function, resource function, confidence bounds, variable mode, unloaded reserve, security of complex systems, reliability forecasting, testing of complex systems.

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