

## **A nonparametric method for the diagnostic of stability violation of an electric power system.**

*Avkhimov K. B., Budovskiy V. P.*

The results of using nonparametric methods for diagnosing the stability of the electric power system are given on the example of transient modes when a power unit is turned off at the Leningrad NPP and transient modes when an asynchronous mode occurs in the UPS model on the «PC Mustang».

*Key words: nonparametric method, transient mode, transient process, static and dynamic stability of the power system, asynchronous mode.*