

On the method of Lyapunov constant-sign functionals

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Abstract

© 2014 S. V. Pavlikov, A. G. Isavnin and D. T. Suyucheva. In the work there is investigated the stability of the zero solution of a nonautonomous functional differential equation of the delayed type by means of limiting equations and Lyapunov constant-sign functional. An appropriate illustrating example is given.

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Keywords

Limit equations, Lyapunov constant-sign functional, Stability problem