



Mathematical Modeling, Asymptotic Analysis and Stability of Solutions of Nonlinear Dynamical Systems

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Message from the Guest Editor

Dear Colleagues,

As a rule, modern dynamical systems can be described by means of essential nonlinear differential equations and their systems. In most cases, analytical solutions to such systems cannot be found. In this regard, it is of interest to develop new and modernize known methods for the study of the stability of dynamic systems. In particular, it should be noted that the use of asymptotic methods makes it possible to study the evolution of slow variables and greatly simplifies the analysis of the stability of dynamical systems.

The intention of this Special Issue is to collect original and review articles devoted to the latest achievements in the field of mathematical modeling and the development of methods for the analysis of the stability of nonlinear dynamical systems.

Prof. Dr. Vladislav Vasilievich Lyubimov

Guest Editor





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Message from the Editor-in-Chief

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