Asymptotics for Differential Equations

Guest Editor:

Prof. Dr. Denis Borisov
Department of Differential Equations Institute of Mathematics, Ufa Scientific Center, Russian Academy of Sciences, Ufa, Russia

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Message from the Guest Editor

Differential equations play a more than very important role not only in mathematics but also in many natural sciences. Very often it is important to know how the solutions of differential equations behave with respect to some parameter and many interesting phenomena can be hidden in such behavior. As an example we can mention various perturbations of differential equations generating plenty of interesting and intriguing scenario for the behavior of the solution, studying of asymptotics of spectral characteristics for various differential operators, stability and bifurcations in dynamical systems, homogenization of boundary value problems and many others.

This issue is aimed on collecting papers with very recent results on asymptotic properties of solutions for various differential equations in modern hot topics in mathematics and mathematical physics as well as in other natural sciences.

Special Issue

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and
Informatics, De Montfort
University, The Gateway,
Leicester LE1 9BH, UK

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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