Analytical Approaches to Nonlinear Dynamical Systems and Applications

Guest Editor:

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Deadline for manuscript submissions:
closed (31 July 2020)

Message from the Guest Editor

Dear Colleagues,

Starting from the reality that analytical approaches allow for a deeper insight into nonlinear dynamical phenomena, the present Special Issue of *Mathematics* focuses on emphasizing new trends and recent developments in the analytical investigation of nonlinear dynamical systems governed by nonlinear differential equations.

Submissions are welcome for research papers presenting analytical treatment of nonlinear dynamical systems with applications in various fields of research, such as physics, applied mathematics, mechanics, engineering, life sciences, and interdisciplinary approaches emphasizing directions for future research.

Prof. Dr. Nicolae Herisanu
Guest Editor

Special Issue

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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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