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Advances of Numerical Methods for Dynamical Systems

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Deadline for manuscript submissions:

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Message from the Guest Editor

Dear Colleague,

The theory of dynamical systems finds applications in a wide variety of fields, such as mathematics, engineering, physics, biology, chemistry, economics, and social sciences. Evolution equations governing dynamical systems in general do not admit analytic solutions. Reliable numerical schemes are, therefore, needed to approximate solutions and investigate the asymptotic behavior of complex evolutionary systems.

This Special Issue aims to publish original high-quality research articles on advanced numerical methods for dynamical systems.

The Special Issue plans to accept papers utilizing numerical tools to simulate dynamical systems occurring in natural processes and engineering. The evolution equations of interest include difference equations, ordinary differential equations, partial differential equations, stochastic differential equations, and fractional differential equations.











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Message from the Editor-in-Chief

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