Numerical Simulation of Nonlinear Dynamical Systems

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Message from the Guest Editors

The topics of the Special Issue "Numerical Simulation of Nonlinear Dynamical Systems" include, but are not limited to:

- Theoretical progress in numerical simulations for nonlinear dynamic systems;
- Innovative numerical methods for solving and analyzing dynamic systems in nonlinear science;
- Mathematical and numerical modelling of nonlinear dynamic systems found in the fields of science and engineering;
- Nonlinear phenomena of dynamic systems and diagnosis of the nonlinear behavior of the systems;
- Theoretical development and analysis of nonlinear dynamic systems;
- Experimental observation and measurements of nonlinear dynamic systems found in science and engineering;
- Hamiltonian systems and applications in nonlinear dynamic systems;
- Synchronization and control strategies for nonlinear dynamic systems;
- Analysis of nonlinear dynamic systems in biological physics;
- Safety analysis of nonlinear dynamic systems.

Special Issue

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Message from the Editor-in-Chief

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