

Special Issue

Numerical Simulation of Nonlinear Dynamical Systems

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.

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