



Dynamical Systems and Their Applications Methods

Guest Editor:

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Message from the Guest Editor

In the past decades, non-linear phenomena have attracted the attention of researchers across many scientific fields. The development of technological devices and theories have led to new scientific results in the area of dynamical systems. These novel outcomes open new and prospective possibilities in widespread fields of science and engineering.

This Special Issue invites papers that focus on recent and novel developments in the theory of dynamical systems and their applications; especially on analytical, numerical, and experimental results showing non-linear phenomena with regular and irregular patterns.

This Special Issue will accept high-quality papers containing original research results and survey articles of exceptional merit in the following fields:

- Dynamical systems
- Differential and difference equations
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- Stability, multi-stability, hidden and self-excited attractors
- Entropy, 0–1 test for chaos, Lyapunov exponent
- Time-series, time series forecasting, and predictability
- Real-world dynamical systems application





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Message from the Editor-in-Chief

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