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Special Issue on

Dynamical System and Applications

Call for Papers

A dynamical system is a rule for time evolution on a state space. In mathematics, it is a system in which a function describes the time dependence of a point in an ambient space. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of Dynamical System and Applications.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Dynamical System and Applications**. Potential topics include, but are not limited to:

- Bifurcation theory
- Cellular automaton
- Compactification of a dynamical system
- Construction of dynamical systems
- Discrete dynamical system
- Dynamical systems theory
- Ergodic systems
- Evolution rule
- Iterated function system
- Linear dynamical systems
- Local dynamics
- Multidimensional generalization
- Real dynamical system

Authors should read over the journal's <u>For Authors</u> carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's <u>Paper Submission System</u>.

Please kindly specify the "Special Issue" under your manuscript title. The research field "Special Issue - *Dynamical System and Applications*" should be selected during your submission.

Special Issue Timetable:

Submission Deadline October 28th, 2023
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