



Special Issue on Differential Equations and Dynamic Systems

Call for Papers

Differential Equation is a mathematical equation for an unknown function of one or several variables that relates the values of the function itself and its derivatives of various orders. Differential equations play a prominent role in engineering, physics, economics, and other disciplines. Differential equation arise in many areas of science and technology, specifically whenever a deterministic relation involving some continuously varying quantities (modeled by functions) and their rates of change in space and/or time (expressed as derivatives) is known or postulated. As one of most important methods in the pure mathematics, **differential equations and dynamic systems** are of great attractions to researchers.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **differential equations and dynamic systems**. Potential topics include, but are not limited to:

- Bifurcation theory
- Connection theory
- Dichotomies
- Ergodic theory
- Finite and infinite dimensional systems
- Index theory
- Invariant manifolds
- Singular perturbations

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly note that the “**Special Issue**” under your manuscript title should be specified and the research field “**Special Issue - Differential Equations and Dynamic Systems**” should be selected during your submission.

According to the following timetable:

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