



Special Issue on Nonlinear Systems

Call for Papers

Nonlinear Systems are the systems described by the nonlinear relationship. The casual relationship between output linear system state variable and the input variables can be described by a set of linear differential equation. Nonlinear equations are difficult to solve and give rise to interesting phenomena such as chaos. The nonlinear systems can solve the problems which are beyond the small deviation linearization method. Because most physical systems are inherently nonlinear in nature, **nonlinear systems** are of interest to engineers, physicists and mathematicians.

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

- Nonlinear differential equations
- Second-order systems
- Approximate analysis methods
- Lyapunov stability
- Input-output stability
- Reachability and observability
- Differential geometric methods
- The application of nonlinear systems

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 - Nonlinear Systems**” should be selected during your submission.

Also please note the following timetable:

Submission Deadline	September 16th, 2014
Publication Date	November 2014

Guest Editor:



Scientific Research
Open Access

Applied Mathematics

ISSN Online:2152-7393

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