

Special Issue on Advances on Integro-differential Equations and Transforms

Call for Papers

In recent years, there has been an increasing interest in modeling of the dynamical processes in various diverse areas of mathematical and engineering sciences. Many families of these integro-differential equations have been developed from both theoretical and applied viewpoints. However, many things have to be clarified and investigated extensively in these currently popular research areas.

In order to solve some of the aforementioned problems, the works of many of the authors from different fields of science and engineering ought to be looked into and investigated further. Intensive work around the real-world and other interdisciplinary applications covers a lot of novel theoretical analysis for existence, uniqueness, and stability of their solutions. Moreover, there is genuine need for new analytical and numerical methods and techniques for solving the interval and fuzzy fractional/time-scale differential equations.

Interested authors are cordially invited to present original research articles as well as review articles in the area of integro-differential equations and transforms. This special issue will be an international forum for researchers to present the most recent developments and ideas in the field. Potential topics include, but are not limited to:

- Existence, uniqueness, and stability of solutions
- Analytical and numerical methods
- Local fractional calculus operators
- Fractional differintegral equations
- Integral transforms and their related operational calculus
- Fractional and local fractional integral transforms and related transform topics
- Interval and fuzzy fractional/time-scale differential equations
- Real-world and other interdisciplinary applications

Before submission authors should carefully read over the journal's Author Guidelines, which are located at <http://www.hindawi.com/journals/aaa/guidelines/>. Prospective

authors should submit an electronic copy of their complete manuscript through the journal Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/aaa/aide/> according to the following timetable:

Manuscript Due	Friday, 18 July 2014
First Round of Reviews	Friday, 10 October 2014
Publication Date	Friday, 5 December 2014

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