Call for Papers

Nonlinear Dynamics and Systems Theory

Special Issue on
Dynamic Equations on Time Scales: Qualitative Analysis and Applications

Guest Editors: Martin Bohner and John Davis

The field of dynamic equations on time scales has quickly emerged as a powerful tool for studying dynamical systems with discrete and/or continuous components. As such, it presents a robust alternative to traditional differential and difference equations methods for examining not only the qualitative theory of solutions to these types of “hybrid” systems, but also a wide range of previously unexplored applications.

The aim of this special issue is to attract the attention of researchers in continuous dynamical systems (ordinary and partial differential equations, boundary value problems, integral equations, differential inequalities, etc.), discrete dynamical systems (difference equations, chaos, functional equations, etc.), hybrid systems, stability and control theory, systems theory, differential inclusions, numerical analysis, mathematical biology, economics, and finance, thereby advancing the theory of dynamic equations on time scales to new frontiers.

All papers will be rigorously refereed according to the usual standards of the journal.

Important Dates:

- Deadline for submission: **July 1, 2008**. Early submissions are greatly appreciated.
- Publication of the special issue: **Volume 8, Number 4 (2008)**.

Please see the website [http://www.timescales.org/](http://www.timescales.org/) for specific submission instructions, and submit your paper (preferably electronically as a PDF) to one of:

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