Editorial

NONLINEAR DYNAMICS AND THEIR APPLICATIONS TO ENGINEERING SCIENCES

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This special issue of Mathematical Problems in Engineering (MPE) contains papers presented in the scientific event "Conference on Nonlinear Dynamics," held in Kharkov, Ukraine, September 14–16, 2004 (ND-KPI 2004).

We hope that this special issue will contribute to the progress of applications on nonlinear dynamics and control and the growing field at the intersection point of applied mathematics and applied science and modern technologies.

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José Manoel Balthazar

Special Issue on
Singular Boundary Value Problems for Ordinary Differential Equations

Call for Papers

The purpose of this special issue is to study singular boundary value problems arising in differential equations and dynamical systems. Survey articles dealing with interactions between different fields, applications, and approaches of boundary value problems and singular problems are welcome.

This Special Issue will focus on any type of singularities that appear in the study of boundary value problems. It includes:

- Theory and methods
- Mathematical Models
- Engineering applications
- Biological applications
- Medical Applications
- Finance applications
- Numerical and simulation applications

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