Fractional-Order Systems: Control, Modeling and Applications

Guest Editors:

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Message from the Guest Editors

The purpose of this journal is to promote the development of fractional calculus theory and its applications and to better display fractional calculus theory and cutting-edge achievements to researchers. With the development of science and technology and the deep exploration of fractional calculus, the applications of fractional calculus have drawn much attention and shown the increasingly important role of fractional calculus in various scientific fields. The Special Issue focuses on the topics on numerical methods of fractional calculus, modeling of fractional viscoelastic material, fractional order dynamical systems, fractional order control, fractional order system identification, fractional order robots, and so on.

The topics of this Special Issue can cover nonlinear system theory, research of control methods using new analytical tools, and modeling and application of nonlinear dynamics problems with new methods. This Special Issue will show the important theoretical significance and practical values of fractional calculus.

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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