Special Issue

Fractional Calculus and Its Application on Control and Decision

Message from the Guest Editor

The fractional calculus has been adopted in the system identification and controller designs, such as the robust stability criteria, the fractional adaptive algorithm, and so on. The fractional calculus has some advantages over the traditional methods. With the development of machine-learning techniques, some new algorithms are developed. Can we combine these new algorithms and controller design methods with the fractional calculus with the aim of developing more efficient algorithms for the engineering problems. This is the focus of this issue

Guest Editor

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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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