

Special Issue

Fractional Calculus and Mathematical Applications, 2nd Edition

Message from the Guest Editor

We are delighted to announce the second volume of our Special Issue on "Fractional Calculus and Mathematical Applications". Building upon the success of the first volume, we aim to continue exploring the fascinating realm of fractional calculus and its diverse applications. Fractional calculus possesses a unique dual nature. On the one hand, it shares a long history with ordinary (integer) calculus. On the other hand, over the past four decades, it has witnessed exponential growth in its applications across various fields and diverse topics. This interdisciplinary collaboration has resulted in an ever-increasing number of researchers and publications. From biological models to integral inequalities, from systems with delay to neutrals and hybrids, fractional calculus has found its utility and effectiveness in addressing a wide range of theoretical investigations and practical problems. We cordially invite researchers from all mathematical disciplines to contribute their latest findings and insights to this Special Issue. We aim to push the boundaries of knowledge and explore the uncharted territories of fractional calculus.

Guest Editor

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About the Journal

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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