Special Issue

Computational Mathematics Methods and Applications in Engineering Science

Message from the Guest Editor

Engineering and applied sciences are undergoing a profound transformation, driven by the increasing power and sophistication of computational mathematics. The ability to model, simulate, and optimize complex systems has become indispensable for innovation and problem-solving across all engineering disciplines. From designing next-generation materials to optimizing sustainable energy systems and developing intelligent infrastructure, advanced computational methods are at vital for modern scientific discovery and technological advancement. This Special Issue, "Computational Mathematics Methods and Applications in Engineering Science," will bring together leading researchers, scientists, and engineers to share their latest theoretical advancements and practical applications in this dynamic field. We seek to create a comprehensive collection of high-impact articles that not only showcase novel mathematical techniques but also demonstrate their successful application to solve pressing real-world engineering challenges.

Guest Editor

Prof. Dr. Youness El Hamzaoui

Engineering College, Carmen Autonomous University, Calle 56, 4, Esq. Avenida Concordia, Col. Benito Juárez, Campeche, Mexico

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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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

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