



Applied Mathematical Modelling and Dynamical Systems, 2nd Edition

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Message from the Guest Editors

Dear Colleagues,

We are delighted to announce the forthcoming opening of the second volume of our Special Issue. Building upon the resounding success of the inaugural edition, we present to you a renewed opportunity to contribute to a Special Issue titled "Applied Mathematical Modelling and Dynamical Systems, 2nd Edition".

Dynamical systems serve as versatile models that can encapsulate a wide array of natural and societal phenomena. The core objective of theoretical exploration lies in the analysis and comprehension of processes that frequently intersect with diverse areas of application, encompassing fields such as control theory, bifurcation theory, population dynamics, networks, synchronization phenomena, electronics, physics, mechanics, economics, biology, and ecology, among many others.

In this second volume, we call for original research articles, concise communications, and comprehensive review papers. Our interests span across both theoretical inquiries and practical investigations into models associated with the aforementioned domains. We eagerly anticipate your contributions as we embark on this new chapter of exploration.





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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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