Special Issue

Mathematical and Econometric Modeling in Applied Economics

Message from the Guest Editors

Mathematical and econometric modeling are becoming increasingly essential in computational and economic analysis, offering deeper insights into complex economic problems. However, a significant gap remains between theoretical advancements in mathematics and econometrics and their practical applications in economics. Bridging this gap is crucial for developing more effective tools to analyze and address real-world economic challenges. This Special Issue aims to bridge this divide by presenting a collection of high-quality articles that illustrate the applicability of novel mathematical and econometric tools and methods across various fields of economics. Topics of interest include, but are not limited to, econometric modeling, financial economics, macroeconomic and microeconomic analysis, policy evaluation, risk assessment, forecasting techniques, and the integration of machine learning with econometrics. We invite researchers to contribute cutting-edge studies that highlight the role of advanced mathematical and econometric techniques in enhancing economic analysis and decision making.

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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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