Special Issue

Advances in Decision Analysis and Optimization Methods

Message from the Guest Editor

We would like to invite you to contribute to this Special Issue titled Advances in Decision Analysis and Optimization Methods with an original research article or a comprehensive review. We welcome submissions that address both theoretical research and practical applications of decision analysis and optimization in complex systems. With the widespread adoption of Internet technology, digitization and intelligence are advancing rapidly. Emerging technologies such as artificial intelligence, digital twins, cloud computing, and the Internet of Things are expected to be key drivers of scientific and technological progress in the coming decade, with broad applications across engineering, social, economic, and military domains. In the current era of "digital intelligence," the scope, methods, and objectives of decision-making processes have significantly expanded. Consequently, there is an urgent need to develop new paradigms and theories to address the decision-making and optimization challenges posed by complex cyber–physical systems and human–machine hybrid intelligent systems.

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Deadline for manuscript submissions

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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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