

Special Issue

Fuzzy Sets, Fuzzy Numbers, Fuzzy Modeling, and Their Applications in Management and Engineering

Message from the Guest Editor

Contemporary business operations are impacted by a lot of conditions that can be described as uncertain, imprecise, and vague in recent years. These business conditions are impacted by a variety of factors, such as a global pandemic, geopolitical instability, climate change, and other issues that cannot be easily brought under control. At the same time, some unpredicted events may occur, so existing quantitative and qualitative models under scope of management and engineering cannot be accurate and reliable. Having in mind the above, the determination of exact values of variables that are used in conventional management and engineering models is hard to predict, and their previous values are not reliable for future use. The development of fuzzy sets theory has enabled the description of uncertainties which makes them a suitable tool for overcoming the aforementioned issues. This Special Issue focuses on the use of current advances in fuzzy sets, fuzzy numbers, fuzzy modeling, and their applications in management and engineering. This will help to foster future research in the emerging fields of management and engineering.

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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