

# Special Issue

## Fuzzy Applications in Industrial Engineering, 3rd Edition

### Message from the Guest Editors

Industrial engineering (IE) involves the design, improvement, and installation of integrated systems of people, material, equipment, and energy. Industrial engineers are engaged in reducing production costs, increasing efficiency, and improving the quality of products and services. Fuzzy set approaches are usually the most appropriate when human evaluations and the modeling of human knowledge are needed. IE uses a significant number of applications of the fuzzy set theory. The purpose of this Special Issue is to gather a collection of articles reflecting the latest developments in the different fields of industrial engineering that apply the fuzzy set theory and fuzzy logic for control and reliability, manufacturing systems and technology management, optimization techniques, quality management, process capability analysis, statistical decision-making, and others.

### Guest Editors

Prof. Dr. Kuen-Suan Chen

Dr. Chun-Min Yu

Prof. Dr. Ying Yang

### Deadline for manuscript submissions

closed (31 August 2024)



## Mathematics

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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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### Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).