Analytical and Algebraic Aspects of Decision Making

Guest Editor:

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Deadline for manuscript submissions:
closed (30 June 2021)

Message from the Guest Editor

Dear Colleagues,

The scope of the issue is decision-making in A broader sense. This covers constructing and studying algebraic and analytical properties of fuzzy connectives (fuzzy implications, uninorms, OWA operators), studying aggregation functions applicable in decision-making problems, and integrals with respect to capacities. The issue aims to show progress in decision-making theory and also some applications of this theory.

Uninorms, OWA operators, and also various types of integrals with respect to capacities are presently a research area that attracts the interest of many researchers. Within the last 5 years, there have been more than 100 papers published on uninorms, about 500 papers on Choquet integral, and so on.

Potential authors are encouraged to submit their recent results as well as relevant reviews. All papers will be peer-reviewed.

Prof. Dr. Martin Kalina
Guest Editor

Special Issue

Editor-in-Chief

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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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