

Special Issue

Fuzzy Sets in Business Management, Finance, and Economics, 2nd Edition

Message from the Guest Editors

Since the publication of Lotfi A. Zadeh's seminal paper "Fuzzy Sets" in 1965 in the journal *Information and Control*, there has been a constant growth in the theoretical developments and practical applications of fuzzy set theory and related mathematical tools. These tools have been widely applied, both in industry and academic research, to decision making and economics due to their versatility. On the one hand, they can efficiently represent and handle uncertain and vague information as subjective judgements, non-precise observations on variables, or ill-defined relations between variables. On the other hand, they make implementing computations or identifying patterns in data much easier. To do so, fuzzy set theory provides a multitude of mathematical techniques in fields such as expert systems, soft computing, data analysis, mathematical programming, or multiple criteria decision making. This Special Issue provides a platform for researchers from academia and industry to present their novel and unpublished works in the domain of the applied developments of fuzzy sets and related methodologies to business, financial, and economic analysis.

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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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