New Advances in Fuzzy Metric Spaces, Soft Metric Spaces, and Other Related Structures, 2nd Edition
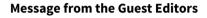
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Deadline for manuscript submissions:
closed (14 June 2024)

Message from the Guest Editors

General topology constitutes a fundamental facet of the development of many branches of fuzzy mathematics, as well as other related disciplines that have received a strong research impulse in recent years, for instance soft set theory. In particular, fuzzy metric spaces, in their different versions and variants, as well as several related structures (Menger spaces, fuzzy normed spaces, Hutton quasi-uniformities, etc.) are a key tool in such developments.

The main purpose of this Special Issue is the publication of papers of high quality that gather new advances in the study of (non-elementary) topological properties, as well as completeness, completion, convergence, construction of hyperspaces, etc., in the realm of fuzzy metric spaces, soft metric spaces, and related structures. New and significant contributions to the theory of fixed point for these spaces and others related to them (quasi-metric, b-metric, partial metric spaces, etc.) are welcome. Furthermore, non-elementary applications to topological algebra, functional analysis, ordinary and partial differential equations, computer science, etc., will be also considered.

Special Issue

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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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