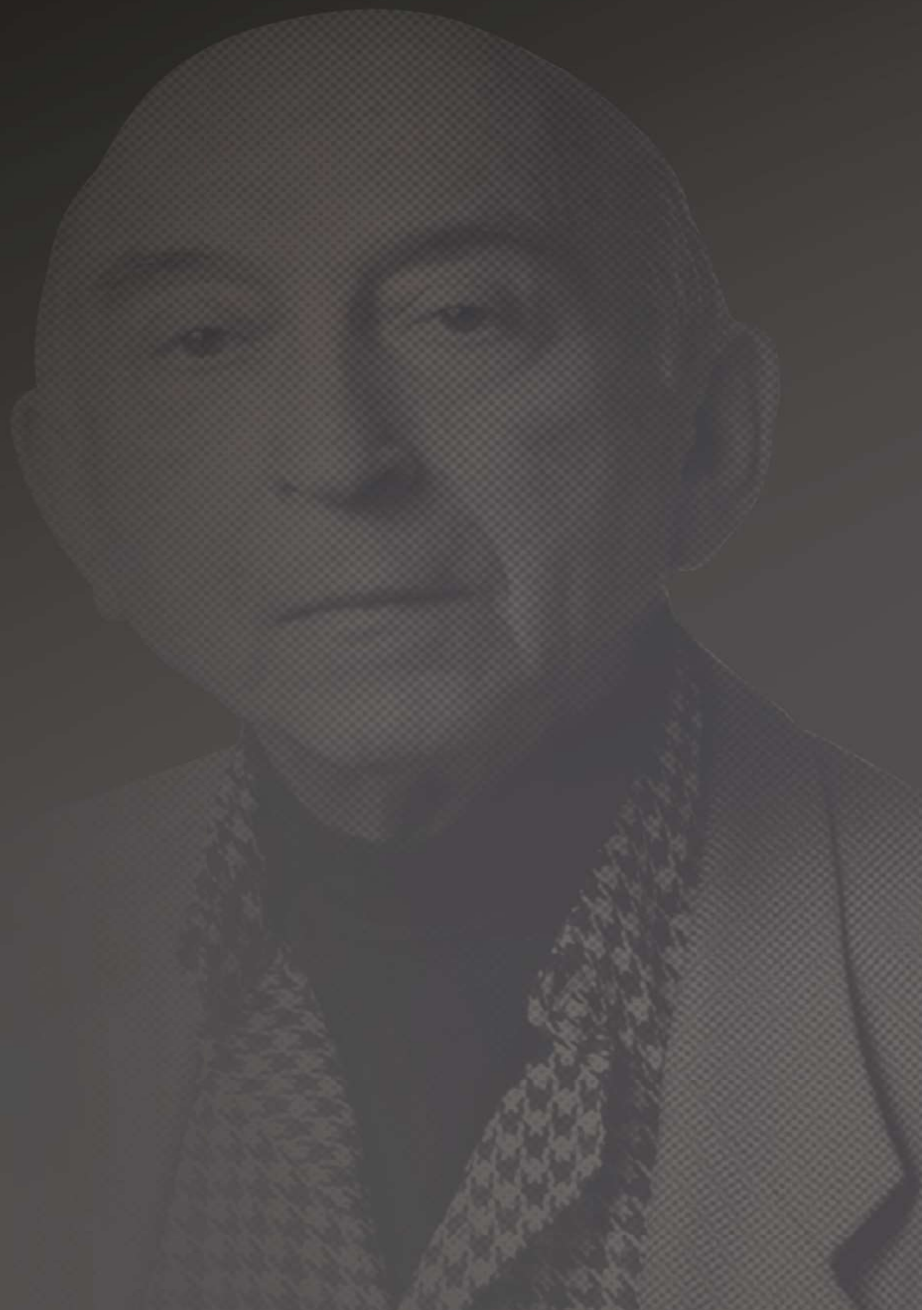


TFSS

Transactions on Fuzzy Sets and Systems

Vol. 1 No. 1 (2022)



Transactions on
Fuzzy Sets & Systems

A warm welcome to the inaugural Volume 1, Issue 1, of the Journal of Transactions on fuzzy sets and systems (TFSS), a new exciting title for journals for 2022. The launch of this pioneering journal marks a new era for the multidisciplinary field. TFSS aims to publish high-quality original articles that make a significant contribution to the research areas of both theoretical and applied mathematics in the field of fuzzy. Therefore, the journals focus is to provide a new platform for disseminating the latest research and current practices in the emerging fields from fuzzy logic, fuzzy mathematics, intelligent systems theory, fuzzy generalizations, and related areas. Fuzzy sets and systems are an emerging and rapidly growing multidisciplinary field.

Fuzzy sets are also the cornerstone of a non-additive uncertainty theory, namely possibility theory, and of a versatile tool for both linguistic and numerical modeling: fuzzy rule-based systems. Numerous works now combine fuzzy concepts with other scientific disciplines as well as modern technologies. Fuzzy sets have triggered new research topics in connection with category theory, topology, algebra, analysis, optimization, Soft sets, etc. Furthermore, fuzzy sets have strong logical underpinnings in the tradition of many-valued logic.

Our vision for TFSS is to establish a vigorously peer-reviewed, open-access, online platform with the mission to publish the most inspiring and impactful research discoveries in fundamental areas for all cognitive systems and computational studies worldwide. The Journal will publish original research articles that review recent developments in specific subject areas and forward-looking perspectives.

Subject areas include, but are not limited to, Fuzzy logic, Complex fuzzy sets, Artificial intelligence, Computational intelligence, Decision making, Soft computing and uncertainty modeling, and application of fuzzy set theory in electrical and computer engineering, Finance, and management.

As an international journal, TFSS shares novel concepts among researchers, industrialists, and students across the globe. There are numerous benefits to publishing in this cutting-edge journal, which strives to guarantee an unbiased blind peer review and publish articles online shortly after acceptance with unique Digital Object Identifiers.

I have the great honor of being the founding Editor-in-Chief and accept the challenges and responsibilities of developing TFSS into a premier professional journal on fuzzy sets and systems. Moreover, it is our great honor to work with an exceptional team of editorial board members who give generously of their time and expertise to the journal. We will rely heavily on them for their willingness to process submitted papers and make a sound recommendation on each manuscript and work with me to develop this new journal to serve the research community best.

As the journal grows, we will recruit additional Editors and adjust the expertise of the editorial board. We would also like to take this opportunity to invite researchers worldwide to engage in basic research of fuzzy sets and systems and submit their enlightening research output, in the form of research papers, technical notes, reviews, and Industry Forum articles, to this journal. We expect our distinguished editorial board members and active supporters of several professional associations to realize the journals objective.

We wish to close this inaugural editorial by showing heartfelt gratitude to all for your support as editors, authors, reviewers, and information users who have helped ensure the quality of all articles included in this inaugural issue of TFSS. We will welcome and value greatly your suggestions and ideas for making the journal highly impactful. Together, with your support, we can build a journal of excellence to serve the research community.

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About Journal

Transactions on Fuzzy Sets and Systems (TFSS) is an open access international scholarly journal. TFSS publishes new applied and pure articles related to fuzzy sets and systems as the two-quarterly journal and there is no charge for publishing an article in TFSS. All articles will be peer-review before publication. Manuscripts submitted to TFSS must be original and unpublished and not currently being considered for publication elsewhere. The articles will be deposited immediately into the online repository, after the completion of the review processes.

TFSS aims linking the ideas and techniques of fuzzy sets and systems with other disciplines to provide an international forum for refereed original research works in the theory and applications in all fields related to fuzzy science. TFSS is a two-quarterly international academic journal founded in 2022.

TFSS follows the COPE publication ethics, also it follows the CC BY creative commons copyright license. TFSS aims to publish high-quality original articles that make a significant contribution to the research areas of both theoretical and applied mathematics in the field of fuzzy and all papers will be peer-review before publication. TFSS aims to reflect the latest developments in fuzzy sets and systems and promote international academic exchanges. TFSS publishes 2 issues each year.

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