

Special Issue

Hesitant Fuzzy Set and Its Variants for Multi-Attribute Decision-Making

Message from the Guest Editors

In order to overcome the limitations of classical fuzzy set, Torra developed a set called "hesitant fuzzy set (HFS)" that could accept more than one membership grade from agents and provides a flexible preference style to agents for expressing their views/opinions in a more sensible and rational manner. Driven by the flexibility, the HFS gained popularity in the field of multi-attribute decision-making (MADM) and researchers developed novel theories and practical applications with HFS. In the same line, sustainability and green practices are gaining abundant attention in recent times by researchers around the world. Researchers from the field of fuzzy mathematics can actively collaborate with sustainable scientists to better model the uncertainties that exist in the system and provide readers with frameworks that could facilitate MADM in the sustainability domain. To achieve the above goal, this proposal is put forward, which could ignite the thought in the minds of researchers and enable quality research and practical guidelines for better implementation of sustainability in the global arena. This Special Issue accepts research and review articles in the topic of concern.

Guest Editors

Dr. Raghunathan Krishankumar

Information Technology Systems and Analytics Area, Indian Institute of Management Bodh Gaya, Bodh Gaya 824234, Bihar, India

Prof. Dr. Samarjit Kar

Department of Mathematics, National Institute of Technology Durgapur, Durgapur 713209, India

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

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