Intuitionistic Fuzziness and Parallelism: Theory and Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The aim of this Special Issue is to disseminate the recent advances in the areas of intuitionistic fuzzy sets (IFSs) and generalized nets (GNs) and their applications in the modelling of parallel processes under uncertainty. The IFS, an extension of the concept of the fuzzy set, is a popular and widely accepted tool for the modelling of uncertainty. It has many applications, some of which are in the areas of decision making under uncertainty, InterCriteria analysis, the modelling of parallel processes through intuitionistic fuzzy GNs, and most recently, in the quality of service (QoS) estimation of service systems. GNs are extensions of Petri nets, which have been proven to be a suitable tool for the modelling of parallel processes with applications in a wide range of areas, such as medicine, artificial intelligence, telecommunications, etc. Despite the extensive work in these fields throughout the past four decades, new theoretical results continue to be published and many new applications are being found.

Special Issue

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Message from the Editor-in-Chief

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