Special Issue

Mathematical Application of Heterogeneous Knowledge for Sustainable Planning Decisions

Message from the Guest Editors

Fuzzy set theory and fuzzy numbers since the 1970s have provided rigorous means for computation of non-data expressed in non-cardinal metrics. More and more big data sets include various instances of heterogeneous knowledge and of consequent reasoning modes. Literature is abundant in providing knowledge labels relevant for modes and complexities of computation: uncertain, ambiguous, monotonic, non-monotonic, utilitarian, emotional, axiomatic structured, unstructured, explicit, latent knowledge, sense-based, commonsense, expert, generic, narrative, semantic knowledge, sentiment-based, collaborative, social, temporal, predictive, memory-based, innate, creative, etc. are attributes of different streams of current research in knowledge computation. The Special Issue will deal with the above described problems of knowledge computation trying to bring to a common discussion scientists from mathematics and logic, computer science, engineering, economics, biology, neuroscience, and other domains of interest for complexity of computation and representation of knowledge multiplicities.

Guest Editors

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Prof. Dr. Dino Borri

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Deadline for manuscript submissions

closed (28 February 2022)

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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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