Mathematical Application of Heterogeneous Knowledge for Sustainable Planning Decisions

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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.

Special Issue

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Message from the Editor-in-Chief

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