Special Issue

Fuzzy-Logic-Based Approaches for Knowledge Management and User Modelling

Message from the Guest Editors

This Special Issue aims to explore the latest advancements and applications of fuzzy-logic in knowledge management and user modeling. It seeks to advance the understanding and application of fuzzy logic in these domains, shedding light on its potential to address challenges such as information overload, data ambiguity, and user behavior understanding and prediction. Particularly, this Special issue aims to inspire further research in innovative methodologies for tackling the complexities inherent in managing knowledge resources, and for handling and capturing the nuanced and subjective nature of user preferences, interests, and interactions. It delves into various applications of fuzzy logic in knowledge management, showcasing how it enables more nuanced reasoning and decision-making processes in the face of incomplete or ambiguous information, and into the diverse applications of fuzzy logic in user modeling, highlighting its role in personalization, recommendation systems, and adaptive interfaces.

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