Fuzzy Logic and Artificial Intelligence: Emerging Techniques in AI Applications

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Message from the Guest Editors

This Special Issue serves as a collection that will bring together all recently developed fuzzy logic and fuzzy-set-based artificial intelligence approaches, and that will encourage further developments in this crucial area. The topics of interest for publication include, but are not limited to:

- Fuzzy modeling;
- Hybrid fuzzy models;
- Fuzzy decision making;
- Fuzzy forecasting;
- Fuzzy control;
- Vagueness and fuzzy logic;
- Fuzzy statistics;
- Fuzzy statistical approaches;
- Fuzzy set theorem's applications;
- Uncertain environments in AI (power systems, geographic information systems, etc.);
- Uncertainty in artificial intelligence of things (AIoT);
- Vague information analysis (e-commerce, human–robot interactions, etc.);
- Kansei engineering (soft computing, cognitive computing, etc.);
- Fuzzy algorithms on neural networks (CNN, ANN, deep learning, genetic algorithms, etc.);
- Fuzzy logic in machine learning (big data analysis, data mining, information retrieval, etc.).

Special Issue

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Message from the Editor-in-Chief

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