Special Issue

Advanced Methods in Fuzzy Control and Their Applications

Message from the Guest Editors

Fuzzy theory presents a concept to characterize sets between 0 and 1 as human behavior. With the fuzzy set, numerous solutions for control issues, economic forecasting, bioinformatics, neuro-networks, signal communication, multi-systems, and computational intelligence have been widely proposed and investigated. Based on the advancement of mathematics, fuzzy theory is developing with a modeling approach, optimization algorithm, and computational ability and is furtherly applied for mechanical automation, artificial intelligence, image processing, risk assessment, and so on. As per recent vigorous results, fuzzy theory in an interesting topic of research for performing intelligent control of practical issues.

- Control problem of novel fuzzy systems;
- Development of fuzzy control technology;
- Investigation of hybrid description for fuzzy systems;
- Novel fuzzy control for practical applications;
- Improvement of current fuzzy control.

Guest Editors

Prof. Dr. Cheung Chieh Ku

Department of Marine Engineering, National Kaohsiung University of Science and Technology, Kaohsiung 806, Taiwan

Prof. Dr. Chang-Hua Lien

Department of Marine Engineering, National Kaohsiung University of Science and Technology, Kaohsiung 811, Taiwan

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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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

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