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Special Session

Code: 4m4pt

Title

Soft computing methods in real-world application

Proposer / Main Organizer

Yan Pei,

University of Aizu, Japan, peiyan@u-aizu.ac.jp

Tsuruga, Ikki-machi, Aizu-Wakamatsu City, Fukushima, 965-8580, Japan

Kei Ohnishi

Kyushu Institute of Technology, ohnishi@csn.kyutech.ac.jp

680-4 Kawazu, Iizuka-shi, Fukuoka 820-8502, Japan

Yun-Huoy Choo

Universiti Teknikal Malaysia Melaka (UTeM), huoy@utem.edu.my

Hang Tuah Jaya, 76100 Durian Tunggal, Melaka, Malaysia

IEEE Member or SMC Society Member

IEEE and SMC society member

Category

Please select one of the following categories:

Cybernetics

Number of Expected Paper Submissions:

5 or more

Keywords

evolutionary computation, neural networks, fuzzy system, hybrid technique, soft computing

Brief Description and Justification (200-250 words):

Soft computing is a set of algorithms including neural networks, fuzzy logic, and evolutionary computation. These algorithms are tolerant of imprecision, uncertainty, partial truth and approximation. It is contrasted with hard computing: algorithms which find provably correct and optimal solutions to problems. The objective of this special issue is to establish the state of the art for the most relevant problems in different application fields and to emphasize new efficient implementations by applying soft computing in real-world application. It is expected to address and report recent advanced topics in neural networks, fuzzy logic, and evolutionary computation and soft computing in both academic research and real-world applications