

# Machine Intelligence and Robotic Control

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## Aims and Scope

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The emergence of softcomputing or computational intelligence technology inspired by biological and human intelligence is one of the most exciting and important fields to occur in engineering during the 1990s. It is widely believed that this technology will play a central role in the development of intelligent machine system, robotic system, and mechatronics system during the twenty-first century. The *Machine Intelligence and Robotic Control* (MIROC) will provide a global forum for the publication of all forms of machine intelligence and robotic control systems with softcomputing techniques. The MIROC will also cover advances in intelligent control and systems research, such as the latest techniques, applications, theoretical issues and novel approach to problems. Specific topics of interest to the journal include, but are not restricted to:

distribution and cooperation, autonomous distribution, multi-agents, kansei and emotional processing, decision making, intelligent control, knowledge and rule acquisition, sensing and active vision, virtual reality, human-machine interface, behavior-based control, fuzzy reasoning and control, neural networks, classifier system, pattern classification, genetic algorithms, genetic programming, evolutionary strategy, evolutionary hardware, artificial life, chaos, fractal, complex systems, self-organization, optimization, adaptation, and learning algorithms including Q-learning.