

## Aims and Scope

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- mathematical methods in computer science and engineering,
- modern control theory and applications,
- artificial intelligence methods and their applications,
- applied mathematics and mathematical optimization approaches.

**The scope** of the journal is extensive. Topics include:

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- Knowledge processing: knowledge elicitation and acquisition, knowledge representation, expert systems, data mining, data basis, applications.
- Fault detection, fault analysis and diagnostics: model-based systems, soft computing techniques, pattern recognition, state and parameter estimation, signal processing, applications.
- Optimization: mathematical optimization techniques, global optimization, evolutionary and genetic algorithms.
- Robotics: modelling and simulation, optimal control, controllability, parameter and state estimation, optimal trajectory planning, singularities.

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