ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE

The International Journal of Intelligent Real-Time Automation

AUTHOR INFORMATION PACK

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ISSN: 0952-1976

DESCRIPTION

Artificial Intelligence (AI) techniques are now being used by the practicing engineer to solve a whole range of hitherto intractable problems. This journal provides an international forum for rapid publication of work describing the practical application of **AI methods** in all branches of **engineering.**

Focal points of the journal include, but are not limited to innovative applications of:

• Real-time intelligent automation, and their associated supporting methodologies and techniques, including control theory and industrial informatics,
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• Case studies or software reviews — evaluative and descriptive reviews of existing available AI software systems, discussing the experience gained and lessons learnt from using or developing AI systems for engineering applications.

• IFAC EAAI Forum — problems arising from engineering practice, needing to be solved by somebody; solutions to problems discussed in this forum or elsewhere; critiques of a position or claim found in the literature.

For more details on the International Federation of Automatic Control (IFAC), visit their home page at http://www.ifac-control.org

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Artificial Intelligence (AI) techniques are now being used by the practicing engineer to solve a whole range of hitherto intractable problems. This journal provides an international forum for rapid publication of work describing the practical application of AI methods in all branches of engineering.

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Engineering Applications of Artificial Intelligence publishes

• Survey papers/tutorials.
• Contributed papers - detailed expositions of new research or applications.
• Brief papers - short discussions of new technical concepts or developments, or new applications of existing techniques.
• Case studies or software reviews - evaluative and descriptive reviews of existing available AI software systems, discussing the experience gained and lessons learnt from using or developing AI systems for engineering applications.

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