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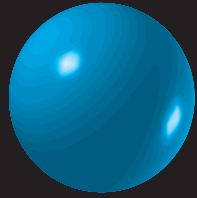


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AI EDAM

AI EDAM: Artificial Intelligence for Engineering Design, Analysis and Manufacturing is a journal intended to reach two audiences: *engineers and designers* who see AI technologies as powerful means for solving difficult engineering problems; and *researchers in AI and Computer Science* who are interested in applications of AI and in the theoretical issues that arise from such applications.

The journal publishes original articles about significant theory and applications based on the most up-to-date research in all branches and phases of engineering. Suitable topics include: analysis and evaluation; selection; configuration and design manufacturing and assembly; and concurrent engineering.

Specifically, the journal is interested in the use of AI in planning, design, analysis, simulation, qualitative reasoning, spatial reasoning and graphics, manufacturing, assembly, process planning, scheduling, numerical analysis, optimization, distributed systems and multi-agent applications.

Areas of special interest include:

- knowledge-based (expert) systems for engineering, including knowledge acquisition, knowledge representation, and system architectures;
- theoretical work on the modeling of engineering problem-solving and design processes;
- the integration of AI-based techniques with numerical analysis tools, graphics and solid modeling packages, and engineering databases;
- distributed design, theory and application.

AI EDAM is also interested in original and major applications of state-of-the-art knowledge-based techniques to important engineering problems (termed 'practicum papers').

In addition to the rapid publication and dissemination of unsolicited research papers, AI EDAM is committed to producing special issues on topics that are viewed as both important and timely.

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