

(AI EDAM): *Artificial Intelligence for Engineering Design, Analysis and Manufacturing* is a journal intended for engineers and designers who see artificial intelligence technologies as powerful tools for handling difficult engineering problems and for research workers in artificial intelligence and computer science who are interested in applications of artificial intelligence and in the theoretical issues that arise from such applications. The Editor is particularly seeking articles that develop new and interesting applications based on the most up-to-date research in chemical, civil, industrial and mechanical (i.e. non-VLSI) engineering. Specifically,

the Journal is interested in the use of artificial intelligence in planning, design, finite element analysis, simulation, spatial reasoning and graphics, process planning, optimization and manufacturing. Areas of special interest include: expert (knowledge-based) systems, including knowledge acquisition and representation, control, and system architectures; spatial reasoning and the integration of graphics and solid modelers; artificial intelligence languages and machines, including exploratory programming environments and expert system shells.

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