



# MATHEMATICS AND COMPUTERS IN SIMULATION

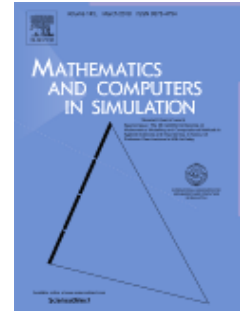
Transactions of IMACS

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### DESCRIPTION

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The aim of the journal is to provide an international forum for the dissemination of up-to-date information in the fields of the **mathematics** and **computers**, in particular (but not exclusively) as they apply to the dynamics of systems, their **simulation** and **scientific computation** in general. Published material ranges from short, concise research papers to more general tutorial articles.

*Mathematics and Computers in Simulation*, published monthly, is the official organ of IMACS, the [International Association for Mathematics and Computers in Simulation](#) (Formerly AICA). This Association, founded in 1955 and legally incorporated in 1956 is a member of FIACC (the Five International Associations Coordinating Committee), together with IFIP, IFAV, IFORS and IMEKO.

Topics covered by the journal include mathematical tools in:

- The foundations of systems modelling
- Numerical analysis and the development of algorithms for simulation

They also include considerations about computer hardware for simulation and about special software and compilers.

The journal also publishes articles concerned with specific applications of modelling and simulation in science and engineering, with relevant applied mathematics, the general philosophy of systems simulation, and their impact on disciplinary and interdisciplinary research.

The journal includes a Book Review section -- and a "News on IMACS" section that contains a Calendar of future Conferences/Events and other information about the Association.

### AUDIENCE

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Simulation Specialists, Applied Mathematicians, Statisticians, Systems Analysts

### IMPACT FACTOR

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