COMPUTERS & STRUCTURES
Solids • Structures • Fluids • Multiphysics

TABLE OF CONTENTS

- Description p.1
- Audience p.2
- Impact Factor p.2
- Abstracting and Indexing p.2
- Editorial Board p.2
- Guide for Authors p.5

DESCRIPTION

Computers & Structures publishes advances in the development and use of computational methods for the solution of problems in engineering and the sciences. The range of appropriate contributions is wide, and includes papers on establishing appropriate mathematical models and their numerical solution in all areas of mechanics. The journal also includes articles that present a substantial review of a field in the topics of the journal.

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The focus of Computers & Structures is on having an impact on the practice of simulations in mechanics as found in many industries and research endeavours, including the fields of engineering, such as civil and environmental, mechanical, biomechanical, automotive, aeronautical, and ocean engineering, and including the various fields of the sciences.

In these areas, papers are sought on the automatic solution of mathematical models of 'structures' in the broadest sense, possibly including phenomena of multiphysics, multiscale, and uncertainties. Also, papers presenting algorithms for optimization and the simulation of complete life cycles of systems are sought.

Established in 1971, and with online submission and review launched in 2006, Computers & Structures is indispensable for researchers and practitioners in academic, governmental and industrial communities.

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