JOURNAL OF ENGINEERING MATHEMATICS

INSTRUCTIONS TO AUTHORS

Aims and Scope

The aim of this journal is to promote the application of mathematics to problems from engineering and the applied sciences, in particular in the general area of engineering science. It also aims to emphasize the intrinsic unity, through mathematics, of the fundamental problems of applied and engineering science. The scope of the journal includes the following:

- **Mathematics:** Ordinary and partial differential equations, Integral equations, Asymptotics, Variational and functional−analytic methods, Numerical analysis, Computational methods.

- **Applied Fields**: Continuum mechanics, Stability theory, Wave propagation, Diffusion, Heat and mass transfer, Free−boundary problems; Fluid mechanics: Aero− and hydrodynamics, Boundary layers, Shock waves, Fluid machinery, Fluid−structure interactions, Convection, Combustion, Acoustics, Multi−phase flows, Transition and turbulence, Creeping flow, Rheology, Porous−media flows, Ocean engineering, Atmospheric engineering, Non−Newtonian flows, Ship hydrodynamics; Solid mechanics: Elasticity, Classical mechanics, Nonlinear mechanics, Vibrations, Plates and shells, Fracture mechanics; Biomedical engineering, Geophysical engineering, Reaction−diffusion problems; and related areas.

Prospective authors are encouraged to consult recent issues of the journal in order to judge whether or not their manuscript is consistent with the style and content of published papers.

Editorial Policy

- Manuscripts: Original research papers, dealing with subjects within the journal's scope, are solicited from all contributors. Occasionally, and by invitation only, survey or review papers will be considered. Special issues, each devoted to a particular theme, will appear occasionally. Proposals for special issues may be submitted to one or both of the joint Editors-in-Chief at any time. The preferred length of a typical research paper is between ten and thirty journal pages. Longer and shorter papers will be considered, but their quality should justify their length. Extremely short papers are best sent to journals specialising in the publication of short notes and letters.

- Refereeing: Each paper is examined by several expert referees. In the event of a dispute, or if the Editor−in− Chief feels that the advice of the referees is inconclusive, more referees will be consulted.

- Authors' Right of Rebuttal: Authors who strongly object to aspects of the reviewers' reports may write an appeal to the Editor-in-Chief. Their objections will be passed on to the referees. If the matter remains unresolved, further referees may be consulted. The Editor−in−Chief may make a final decision at any stage in the appeal process.

Submission of Manuscripts

Journal of Engineering Mathematics **strongly** prefers the submission of manuscripts in LaTeX. A LaTeX style file can be obtained from the Journal website.

Submission of manuscripts in other formats may lead to longer processing times.

Authors must submit manuscripts to the journal's editorial office using the Editorial Manager system which can be found at engi.edmgr.com. This online manuscript submission and review system offers easy and straightforward log-in and submission procedures. The system also offers authors the option to track the progress of the review process of manuscripts in real time. In case you encounter any difficulties while submitting your manuscript online, please get in touch with the responsible Editorial Assistant by clicking on "CONTACT US" from the tool bar.

Electronic figures

Electronic versions of your figures must be supplied. For vector graphics, EPS is the preferred format. For bitmapped graphics, TIFF is the preferred format. The following resolutions are optimal: line figures - 600 - 1200 dpi; photographs - 300 dpi; screen dumps - leave as is. Colour figures can be submitted in the RGB colour system. Font-related problems can be avoided by using standard fonts such as Times Roman, Courier and Helvetica. Authors should take care to ensure that the figures are of sufficiently high quality for publication in the journal. Failure to do this can result in considerable delays in refereeing and/or production.

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All manuscripts must be written in English. While we appreciate that writing styles differ and that English will not be the first language for a number of authors, the journal maintains the right to reject manuscripts which do not conform to the journal's minimum standards of English and clarity.

Figures

All photographs, graphs and diagrams should be referred to as a 'Figure' and they should be numbered consecutively (1, 2, etc.). Multi-part figures ought to be labelled with lower case letters (a, b, etc.). Please insert keys and scale bars directly in the figures. Relatively small text and great variation in text sizes within figures should be avoided as figures are often reduced in size. Figures may be sized to fit approximately within the column(s) of the journal. Provide a detailed legend (without abbreviations) to each figure, refer to the figure in the text and note its approximate location in the margin. Please place the legends in the manuscript after the references.

Tables

Each table should be numbered consecutively (1, 2, etc.). In tables, footnotes are preferable to long explanatory material in either the heading or body of the table. Such explanatory footnotes, identified by superscript letters, should be placed immediately below the table. Please provide a caption (without abbreviations) to each table, refer to the table in the text and note its approximate location in the margin. Finally, please place the tables after the figure legends in the manuscript.

References

References should be cited in the journal's style, examples of which can be found by consulting issues of the journal. References to web pages should include the date on which they were accessed.

Table of Nomenclature

Note that the journal does not use a table of nomenclature and so all symbols and notations should be defined when they are first used in the main text of the manuscript.

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>> List of Repositories
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