

Guidelines for Authors of *Computational Mathematics and Mathematical Physics*

Computational Mathematics and Mathematical Physics publishes original research reports and review articles related to (1) general methods of computational mathematics; (2) approximate and numerical methods for mathematical problems in mechanics, physics, economics, etc.; and (3) theoretical aspects of computer science.

The subject and size of review articles should be approved by the editorial board before submission.

Manuscripts should conform to the following guidelines.

(1) Authors submit two copies of the manuscript English. One copy is submitted by e-mail (preferably in PostScript or PDF format), which facilitates the review process and improves the quality of publication. A manuscript starts with the article's title, the authors' names, affiliations, addresses (with zip codes), and e-mail addresses. This information is followed by an abstract (without references or long formulas), a list of keywords, an introduction, and the text itself, which is divided, if necessary, into sections and subsections.

(2) Physical quantities and variables are italicized. Decimal numbers should be with a decimal point not a comma. Mathematical notation should be kept as simple as possible. Symbols over letters and multilevel sub- or superscripts should be avoided wherever possible. The preferred style of equation numbering is by sections, with the section number being the first part of the equation number: (1.1), (1.2), etc. Equation numbers are set flush against the right margin. Only equations refer to in the text should be numbered.

(3) Each figure should be on a separate page with the author's name and the figure number indicated. Figures should be referred to in the

text. Figure captions are listed on a separate page at the end of the manuscript. The notation used in text and figures should be carefully checked.

(4) Acknowledgments appear at the end of the text before references.

(5) References in the text should be numbers in square brackets. A full list of references is given at the end of the manuscript in the order they appear in the text. Unpublished materials should not appear in the reference list. References include the titles of articles or books. Book references include publisher, city, and year of publication. References to journal articles include the title of journal (abbreviated according to CASSI), volume number, issue number (for journals with numbering by issues), page numbers, and the year of publication. Some examples are listed below:

1. L. C. Evans, *Partial Differential Equations* (Am. Math. Soc., Providence, R.I., 1998).
2. B. Hassard, N. Kazarinoff, and Y.-H. Wan, *Theory and Applications of Hopf Bifurcation* (Cambridge Univ. Press, Cambridge, 1981).
3. M. R. Hestenes, "Multiplier and Gradient Methods," *J. Optimizat. Theory Appl.* **4**, 303–320 (1969).

(6) Manuscripts should be carefully checked. Receipt of a manuscript with suggestions for revisions does not mean that it has been accepted. Revised versions are again reviewed by the editorial board. If a manuscript is rejected, one copy is retained by the editorial board. Proofs are e-mailed to the authors. Each author will also receive a copy of his or her published paper (in PDF format).

(7) Every manuscript accepted for publication must be accompanied by a signed copy of the [copyright transfer agreement](#).