Instructions for authors

Instructions for authors are available at:
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The submission stage

File format and macro package

We prefer that articles be prepared in LaTeX2e, using the last version of AMSLaTeX and the amsart class. Articles may also be prepared in LaTeX2e or LaTeX209 with standard article class, or in Plain TeX. A macro package in LaTeX2e, designed especially for ESAIM: COCV, is available via anonymous ftp from:

- **ftp.edpsciences.org** in the directory **/pub/cocv**
- or on the Web site at http://www.esaim-cocv.org/ in the section “Author Information”.

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Global resulting **PDF files (preferably)** or Postscript of articles are welcome. They should however be carefully tested for printing and compressed before submission.

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After refereeing is complete, an official letter of acceptance or refusal is sent to you by e-mail. Publication will follow receipt of a signed copyright agreement.

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Title, Abstract

Title should be simple and informative. A shortened version of the title consisting of a maximum of 75 characters (including spaces) for running headers should also be provided. An abstract in English is required. It should be completely self-contained, not exceeding 200 words and written as single paragraph.

Author(s) name(s) and affiliations

A list of all authors, as well as corresponding addresses, should be provided. Addresses should contain all information necessary for an effective mail delivery. E-mail, fax and telephone numbers should also be provided to speed up communication between Editorial Office and authors.

Mathematics Subject Classification scheme

Each manuscript must be assigned indexing codes. MSC numbers, developed jointly by the American Mathematical Society and Zentralblatt, may be found at the URLs: www.ams.org/msc/ and www.emis.de/msc2000.html.
Keywords are also required.

Numbering

Equations, Lemmas, Theorems… should be numbered with the section: for example, equation 3 of Section 1, should be numbered equation (1.3). Numbering should be labelled on the right side.

References

References should be cited numerically in the text (for example, [1], [2,5,7], [8–10]). All references must be labelled. Items in the bibliography are ordered alphabetically by authors. Authors may be cited in the text by name, but without initials. Authors should use the models below in the final reference list. Examples for Journals, Books, Conference Proceedings and Doctoral dissertations, respectively:

[1] H.T. Banks and M.A. Demetriou, Adaptive parameter estimation of hyperbolic distributed parameter systems. *ESAIM: COCV* **14** (2008) 133−162.

[2] J.R. Brown and F. Smith, Finite element method for Navier-Stokes equation. *ESAIM: COCV* (to appear).

[3] S. Grimm, Solutions of the Navier-Stokes equations, in *Finite Element Method for Navier-Stokes Equation*, edited by J.M. Paul. EDP Sciences, Les Ulis (2008).

[4] J.M. Paul, *Finite Element Method for Navier-Stokes Equation*. EDP Sciences, Les Ulis (2008).

[5] F. Smith, A parallel algorithm based on multi-parameter asymptotic error expansion, in *Proceedings of Conference on Scientific Computing*, edited by C. Brown. EDP Sciences, Les Ulis (2008) 401−420.

[6] F. Smith, J.R. Brown and C. Green, *Finite Element Method for Navier-Stokes Equation.* Ph.D. thesis, University of Paris XI, France (2006).

Figures

Each figure should be cited in the text. Good-quality figures have the following characteristics:

- They should be produced with a good quality laser printer and have lines, letters, numbers and symbols of uniform strength and contrast.
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