INSTRUCTIONS FOR THE PREPARATION AND SUBMISSION OF PAPERS FOR CYBERNETICS AND PHYSICS USING LATEX2E

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Abstract
This article illustrates the preparation of a paper for Cybernetics And Physics (CAP) journal using LATEX2e. The LATEX class `CAP-journal.cls` and template `CAPauthor.tex` that create this article are available on http://cap.physcon.ru. You should only modify the `CAPauthor.tex` file and not modify LATEX class `CAP-journal.cls` while preparing your CAP paper.

Key words
No more than six key words must be given.

1 Introduction
Your paper for the CAP journal must be prepared in **English**. To ensure that your paper will be reproduced clearly and in the proper size and form, please observe the following instructions. In addition to length and format restrictions given below, all papers will be reviewed and must meet technical standards.

2 Manuscripts
It is advised to put some text between a section heading and a subsection heading.

2.1 Organization
Your paper should begin with an abstract, followed by key words, and then an introduction. At the end, it should feature a conclusion and a list of references. Acknowledgements (if any) may precede the references.

2.2 Paper length and types
The length of the title of your paper should not exceed two lines. The maximum length of your abstract is to be 200 words. Three paper types are admitted: survey, regular and brief paper. The length of a regular paper, including figures and tables, should not exceed twelve (12) two-column pages. The length of a brief paper should be **4-6 two-column pages.** The length of survey paper has no restriction. However, the authors are advised to contact the Editorial Board before writing a survey paper. The length of the paper should be modified if more than about two thirds of the last page remains empty.

2.3 Layout
The layout of the paper is taken care for by the `CAP-journal.cls` class file and template `CAPauthor.tex`.

2.4 Symbols
Symbols and acronyms should be defined the first time they appear. Use the International System (SI) of units.

2.5 Page Numbering
Do not number pages. This should be taken care for by the `CAP-journal.cls` class file.

3 Illustrations
For the online version of the journal both color and black-and-white drawings, tables and photographs are acceptable. Please check whether they are still legible when printed in black-and-white (for printed version of the journal). Your illustrations must be placed within the `figure` environment, accompanied by captions and inserted in the text near the place where they are mentioned. Use the same or similar font sizes in your illustrations as in the manuscript. Check whether the smallest lettering, such as subscripts, is still legible. Captions should be made with the `\caption` command and should explain illustrations without a further reading of the paper text.

Figure 1. An example figure.

4 Equations

All equations should be centered. The equations that are referred to should be numbered. Use the `equation` environment, like the example given below.

$$\left.\begin{array}{l} \nabla \times E = -\frac{\partial B}{\partial t} \\ \nabla \times H = J + \frac{\partial D}{\partial t} \end{array}\right\} \qquad (1)$$

5 Bibliography

List all bibliographical references at the end of the paper in the manner shown (listing in alphabetic order with respect to last name of first author). Refer to them in the text as follows: [Wang, Sasabe and Fujiwara, 2002] and [Paul, 1992; Sato, 1989]. If you want to use BibTeX, then follow the instructions in `CAPauthor.tex`.

6 Compilation

It might occur that the paper size is incorrect when compiling the dvi-file to a pdf-file (the banner falls partly off the page). If this problem occurs, then compile the `CAPauthos.dvi` file with DVIPS using the following options

`dvips -t a4 -P pdf physcon` and subsequently compile to PDF. Alternatively, you can add the options `-sPAPERSIZE=a4` to the ps2pdf command.

7 Paper Submission

Your paper should uploaded though Submission site http://cap.physcon.ru **in PDF format** Faxed and emailed submissions will not be accepted. To maintain the same look when viewing or printing your paper on another machine, you should embed all fonts used in the PDF file. When creating a PDF file, click <Properties>, <Adobe PDF Setting>, <Job Option Edit> and then <Embed All Fonts>.**The size of the PDF file is not allowed to exceed 2.0 MB.** Upon acceptance of the paper you may be requested to submit the source files too.

8 Conclusion

A carefully prepared manuscript that is acceptable without modification will make a better presentation of your work and spare us unnecessary delay in editing the papers.

Acknowledgements

References

Paul, C. R. (1992). *Introduction to Electromagnetic Compatibility*. Wiley-Intersciences. New York.

Sato, R. (1989). EMC - The past, present and future. In *Proc. Int. Symp. on Electromagn. Compat.* Nagoya, Japan, Sept. 8-10. pp. 1–9.

Wang, J., Sasabe, K. and Fujiwara, O. (2002) A simple method for predicting common-mode radiation from a cable attached to a conducting enclosure. *IEICE Trans. Commun.*, **E85-B**(7), pp. 1360–1367.

Appendix A Head of an Appendix

Avoid using appendices.