Parallel Processing Letters
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INSTRUCTIONS FOR TYPESETTING MANUSCRIPTS FOR HLPP2001*

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ABSTRACT

The abstract should summarize the context, content and conclusions of the paper in less than 200 words. It should not contain any references or displayed equations. Typeset the abstract in 8 pt Times Roman with baselineskip of 10 pt, making an indentation of 1.5 pica on the left and right margins. Typeset similarly for keywords below.

Keywords: List four to six; Should characterize article.

1 General Appearance

Contributions to *Parallel Processing Letters* will be reproduced by photographing the author's submitted typeset manuscript. It is therefore essential that the manuscript be in its final form, and of good appearance because it will be printed directly without any editing.

2 The Main Text

Contributions are to be in English. Authors are encouraged to have their contribution checked for grammar. American spelling should be used. Abbreviations are allowed but should be spelt out in full when first used. Integers ten and below are to be spelt out. Italicize foreign language phrases (e.g. Latin, French).

The text is to be typeset in 10 pt Times Roman, single spaced with baselineskip of 13 pt. Text area (excluding running title) is 5 inches (30 picas) across and 7.8 inches (47 picas) deep. Final pagination and insertion of running titles will be done by the publisher.

*For the title, try not to use more than 3 lines. Typeset the title in 10 pt Times Roman, uppercase and boldface.

† Typeset names in 8 pt Times Roman, uppercase. Use the footnote to indicate the present or permanent address of the author.

‡ State completely without abbreviations, the affiliation and mailing address, including country. Typeset in 8 pt Times Italic.

3 Major Headings

Major headings should be typeset in boldface with the first letter of important words capitalized.

3.1 Sub-headings

Sub-headings should be typeset in italic with the first letter of important words capitalized.

3.1.1 Sub-subheadings

Typeset sub-subheadings in medium face and capitalize the first letter of the first word only.

3.2 Numbering and Spacing

Sections, sub-sections and sub-subsections are numbered in Arabic. Use double spacing after major and subheadings, and single spacing after sub-subheadings.

3.3 Lists of Items

Lists may be laid out with each item marked by a dot:
one can define the following list formats to be newenvironments.

- item one,
- item two.

Items may also be numbered in lowercase Roman numerals:

(i) item one
(ii) item two

(a) Lists within lists can be numbered with lowercase Roman letters,
(b) second item.

4 Equations

Displayed equations should be numbered consecutively in each section, with the number set flush right and enclosed in parentheses.

$$\mu(n,t) = \frac{\sum_{i=1}^{\infty} 1(d_i < t, N(d_i) = n)}{\int_{\sigma=0}^{t} 1(N(\sigma) = n) d\sigma} \tag{1}$$

Equations should be referred to in abbreviated form, e.g. "Eq.(1)" or "(1)". In multiple-line equations, the number should be given on the last line.

Displayed equations are to be centered on the page width. Standard English letters like x are to appear as x (italicized) in the text if they are used as mathematical symbols. Punctuation marks are used at the end of equations as if they appeared directly in the text.

Theorem 1 *Theorems, lemmas, etc. are to be numbered consecutively in the paper.*

Proof. Proofs should end with □

5 Illustrations

Figures are to be inserted in the text nearest their first reference.

Fig. 1: Labeled tree T.

Figures are to be sequentially numbered in Arabic numerals. The caption must be placed below the figure. Typeset in 8 pt Times Roman with baselineskip of 10 pt. Use double spacing between a caption and the text that follows immediately.

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6 Tables

Tables should be inserted in the text as close to the point of reference as possible. Some space should be left above and below the table.

Tables should be numbered sequentially in the text in Arabic numerals. Captions are to be centralized above the tables. Typeset tables and captions in 8 pt Times Roman with baselineskip of 10 pt.

Table 1: Number of tests for WFF triple NA = 5, or NA = 8.

		NP			
		3	4	8	10
NC	3	1200	2000	2500	3000
	5	2000	2200	2700	3400
	8	2500	2700	16000	22000
	10	3000	3400	22000	28000

If tables need to extend over to a second page, the continuation of the table should be preceded by a caption, e.g. "Table 2. Cont'd."

7 References

References in the text are to be numbered consecutively in Arabic numerals, in the order of first appearance. They are to be cited within square brackets before punctuation marks, e.g. [1].

8 Footnotes

Footnotes should be numbered sequentially in superscript lowercase Roman letters[a].

Acknowledgements

This section should come before the References. Funding information may also be included here.

References

References are to be listed in the order cited in the text. Use the style shown in the following examples. For journal names, use the standard abbreviations. Typeset references in 9 pt Times Roman.

1. R. Lorentz and D. B. Benson, Deterministic and nondeterministic flow-chart interpretations, *J. Comput. System Sci.* **27** (1983) 400–433.
2. M. J. Beeson, *Foundations of Constructive Mathematics* (Springer, Berlin, 1985).
3. K. L. Clark, Negations as failure, in *Logic and Data Bases*, eds. H. Gallaire and J. Winker (Plenum Press, New York, 1973) 293–306.
4. M. Joliat, A simple technique for partial elimination of unit productions from LR(k) parsers, *IEEE Trans. Comput.* **27** (1976) 753–764.
5. D. Dolve, Unanimity in an unknown and unreliable environment, in *Proc. 22nd Annual Symposium on Foundations of Computer Science*, Nashville, TN, Oct. 1981, 159–168.
6. R. Tamassia, C. Batini and M. Talamo, An algorithm for automatic layout of entity relationship diagrams, in *Entity-Relationship Approach to Software Engineering, Proc. 3rd Int. Conf. on Entity-Relationship Approach*, eds. C. G. Davis, S. Jajodia, P. A. Ng and R. T. Yeh (North-Holland, Amsterdam, 1983) 421–439.
7. W. L. Gewirtz, Investigations in the theory of descriptive complexity, Ph. D. Thesis, New York University, 1974.

Appendix A

Appendixes should be used only when absolutely necessary. They should come after the References. If there are two or more appendixes, number them alphabetically. Number displayed equations occurring in the Appendix in this way, e.g. (A.1), (A.2), etc.

[a] Footnotes should be typeset in 8 pt Times Roman at the bottom of the page.

PARALLEL PROCESSING LETTERS

GUIDELINES FOR CONTRIBUTORS TO HLPP2001

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