International Journal of Mathematics © World Scientific Publishing Company

INSTRUCTIONS FOR TYPESETTING CAMERA-READY MANUSCRIPTS USING COMPUTER SOFTWARE*

FIRST A. AUTHOR, SECOND B. AUTHOR and THIRD C. AUTHOR † Full affiliations ‡ , mailing addresses and telephone number

OTHER D. AUTHOR

Full affiliations , mailing addresses and telephone number

Include a one-paragraph abstract of no more than 100 words. Do not include references, footnotes, or abbreviations in the abstract. Typeset the abstract in 8 pt Times Roman with baselineskip of 10 pt, making an indentation of $\frac{1}{4}$ inch on the left and right margins. Typeset similarly for keywords below.

Keywords: Enclose with each manuscript, on a separate page, from three to five keywords.

1. General Appearance

Contributions to the *International Journal of Mathematics* will be reproduced by photographing the author's submitted typeset manuscript. It is therefore essential that the manuscript be in its final form, and is an original computer printout because it will be printed directly without any editing. The manuscript should also be clean and unfolded. The copy should be evenly printed on a high resolution printer (300 dots/inch or higher). If typographical errors cannot be avoided, use cut and paste methods to correct them. Smudged copy, pencil or ink text corrections will not be accepted. Do not use cellophane or transparent tape on the surface as this interferes with the picture taken by the publisher's camera.

2. Style Guidelines for IJFE

Author Information: Include the following information on the first page of the manuscript: (1) title, (2) author(s), (3) institutional affiliation, (4) address, and

 $^{^*}$ Typeset title in 10 pt Times Roman uppercase and boldface. Please write down in pencil a short title to be used as the running head.

[†]Typeset names in 8 pt Times Roman, uppercase and lightface. Use footnotes only to indicate if permanent and present addresses are different. Funding information should go in the Acknowledgement section.

[‡]Typeset affiliation and mailing addresses in 8pt Times italic.

2 Authors' Names

(5) telephone number.

Abstract: Include a one-paragraph abstract of no more than 100 words. Do not include references, footnotes, or abbreviations in the abstract.

Keywords: Enclose with each manuscript, on a separate page, from three to five keywords.

Typing Format: Double space with a minimum of 11pt fonts. Margins of at least 1in.

Headings and Subheadings: Use no more than three levels of headings. Begin all headings at the left margin and capitalize the first letter of the first word only. Headings should be numbered as, e.g., 1, 1.3, 2.4.5, etc.

Footnotes: Each footnote should appear at the bottom of the page on which it is cited in the text and should be indicated consecutively with superscript Arabic numerals.

Equations: Number consecutively only those equations that are referenced in the text. Indent equations and place numbers in parentheses at the right margin.

References: List references alphabetically by author's last name at the end of the text of the paper. They can be cited in the text as, e.g., "According to Smith and Jones (1995), ..." or "... (Smith and Jones, 1995)".

Tables: Type tables on separate pages after the references. Center the word "Table" followed by an Arabic numeral above the body of the table. Separate headings in a table from the title of the table and from the body of the table with solid lines. Verify that the text contains a reference to each table. When referring to a specific table in the text of the paper, use Table 1, Table 2, etc.

Figures: Figures must appear after the tables. Verify that the text contains a reference to each figure. When referring to specific figures in the text, use Fig. 1, Fig. 2, etc. When labeling figures, capitalize the first letter in the word and number with Arabic numerals (e.g., Figure 1). In figure titles, capitalize the first letter of the first word only. When supplying color figures, ensure that there is sufficient contrast to enable clear black and white printing. No figures will be printed in color.

3. Major headings

Headings and Subheadings: Use no more than three levels of headings. Begin all headings at the left margin and capitalize the first letter of the first word only. Headings should be numbered as, e.g., 1, 1.3, 2.4.5, etc.

3.1. Sub-headings

Sub-headings should be typeset in boldface italics.

3.1.1. Sub-subheadings

Sub-subheadings should be typeset in italics.

3.2. Numbering and spacing

Sections, sub-sections and sub-subsections are to be numbered in Arabic.

3.3. Lists of items

Lists may be laid out with each item marked by a dot:

- item two.

4. Equations

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

$$\mu(n,t) = \frac{\sum_{i=1}^{\infty} 1(d_i < t, N(d_i) = n)}{\int_{\sigma=0}^{t} 1(N(\sigma) = n) d\sigma}.$$
 (4.1)

Equations should be referred to in abbreviated form, e.g. "Eq.(4.1)" or "(4.1)". 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 4.1. Theorems, lemmas, etc. are to be numbered consecutively in the paper.

Proof. Proofs should end with a square.

5. Illustrations and Photographs

Figures are to be inserted in the text nearest their first reference. Original India ink drawings of glossy prints are preferred. Please send one set of originals with copies. If the author requires the publisher to reduce the figures, ensure that the figures (including letterings and numbers) are large enough to be clearly seen after reduction. If photographs are to be used, only black and white ones are acceptable.

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.

Previously published material must be accompanied by written permission from the author and publisher.

Figures should be referred to in the abbreviated form, e.g. "... in Fig. 1" or "... in Figs. 1 and 2". Where the word "Figure" begins a sentence, it should be spelt in full.

4 Authors' Names

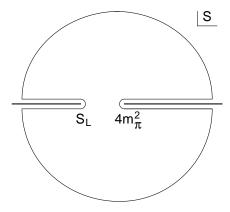


Fig. 1. Labeled tree T.

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.

 ${\it Table 1.} \quad {\it Comparison of acoustic for frequencies for piston-cylinder problem.}$

Piston mass	Analytical frequency (Rad/s)	TRIA6- S_1 model (Rad/s)	% Error
1.0	281.0	280.81	0.07
0.1	876.0	875.74	0.03
0.01	2441.0	2441.0	0.0
0.001	4130.0	4129.3	0.16

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.

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

The format for references should be strictly followed. References in the text are to be numbered in Arabic numerals. They are to be cited in square brackets, [?] before punctuation marks. Standard journal abbreviations are preferred.

8. Footnotes

Footnotes should be numbered sequentially in superscript Arabic numerals.^a

Appendix A. Appendices

Appendices should be used only when absolutely necessary. They should come before Acknowledgments. If there is more than one appendix, number them alphabetically. Number displayed equations occurring in the Appendix in this way, e.g. (A.1), (A.2),

$$f(j\delta, i\delta) \cong \frac{\pi}{M} \sum_{n=1}^{M} Q_{\theta_n}(j\cos\theta_n + i\sin\theta_n).$$
 (A.1)

Acknowledgments

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

References

Imai, J and KS Tan (2006). A general dimension reduction technique for derivative pricing, Journal of Computational Finance, 10(2), 129-155.

Joe, S and FY Kuo (2008). Constructing Sobol' sequences with better two-dimensional projection, SIAM Journal on Scientific Computing, 30(5), 2635-2654.

L'Ecuyer, P and C Lemieux (2002). Recent advances in randomized quasi-Monte Carlo methods, in M Dror, P L'Ecuyer and F Szidarovszki (editors), Modeling Uncertainty: An Examination of Stochastic Theory, Methods, and Applications, pp. 419-474, Kluwer Academic, Boston.

^aFootnotes should be typeset in 8 pt Times Roman at the bottom of the page.