

Go Mobile

CJO Mobile (CJOm) is a streamlined
Cambridge Journals Online (CJO)
for smartphones and other
small mobile devices



- Use CJOm to access all journal content including *FirstView* articles which are published online ahead of print
- Access quickly and easily thanks to simplified design and low resolution images
- Register for content alerts or save searches and articles – they will be available on both CJO and CJOm
- Your device will be detected and automatically directed to CJOm via: journals.cambridge.org



CAMBRIDGE
UNIVERSITY PRESS

INSTRUCTIONS FOR CONTRIBUTORS

CONTRIBUTIONS. Contributions are welcomed from all countries and must be written in English.

MANUSCRIPTS. Three copies of manuscripts should be sent to:

SHELDON ROSS, Editor
Probability in the Engineering and Informational Sciences
Epstein Dept. of Industrial and Systems Engineering
University of Southern California
3715 McClintock Ave.
Los Angeles, CA 90089-0193, U.S.A.
E-mail: smross@usc.edu

Authors should also retain one copy of the manuscript for proof checking as manuscripts sent to the Editor cannot be returned. Before an issue is typeset, the lead author of each article will be asked to send a LaTeX file of the final revised version to the PEIS Project Manager (as an e-mail attachment).

Manuscripts are accepted for review with the understanding that the same work has not been and will not be published, nor is presently submitted elsewhere. While under editorial review, it is the responsibility of the author to keep the Editor informed about submissions, publication plans, and actual publication of related research or abstracts thereof in other outlets, including journals, review publications, journals in other disciplines, conference proceedings, and published dissertations. It is also understood that all persons listed as authors have given their approval for the submission of the paper and that any person cited as a source of personal communication has given his/her approval for such citation; written authorization may be required at the Editor's discretion. An author is required to obtain written permission for material for which he/she does not own copyright.

MANUSCRIPT ORDER. Manuscripts should be arranged as follows (starred items are optional):

- | | |
|------------------------|---------------------------|
| 1. Title Page (Page 1) | *6. Appendix(es) |
| 2. Abstract | *7. Footnotes |
| 3. Text | *8. Tables with titles |
| *4. Acknowledgments | *9. Figures with captions |
| 5. References | |

PREPARATION OF MANUSCRIPT. The entire manuscript, including all notes and references, must be typed, **double-spaced** on 8½ × 11 inch or A4 paper leaving wide margins for copyediting. Manuscript pages should be numbered consecutively. The title page should list (a) the title of the paper in all uppercase letters, (b) an e-mail address for the contact author. This author will be asked to provide a LaTeX file of the final revised version of the manuscript. (Later, proofs and an offprint order form will be sent to this e-mail address as PDF files), (c) a short title of 50 characters or less to be used as a running head, and (d) all authors' names, affiliations, and e-mail addresses as they should appear for publication. Any footnotes to the authors should be listed on this page. An abstract of 100 words or less should appear here or on the following page and should be clearly differentiated from the text. (Acknowledgments and recognition of grants or other support should be listed in a separate section following the text.)

EQUATIONS. All equations must be typewritten and numbered. Equation numbers should appear in parentheses in the right-hand margin. Text references to equations take the following form: "For a further discussion of this material, see Eq. (3.2)." All superscripts and subscripts in equations must be clearly typed above and below the line, respectively. End of proof signposts should appear as such: ■.

TABLES AND FIGURES. Tables and figures should be numbered consecutively and appear as one unit after the Reference section. All tables must have titles and all figures must have captions. All tables and figures must have at least one text reference that takes the following form: "For a different view of this matter see Table 1 and Figure 3." Tables may have footnotes that follow directly after the body of the table. Table source notes should follow table footnotes.

Figures must be submitted ready for reproduction. Authors are encouraged to submit figures in electronic form, preferably TIFF (line drawings at least 600 dpi, gray scale at least 300 dpi) or EPS (with fonts embedded) format. Figures should be submitted as high-resolution files. TeX or LaTeX files of figures are not usable. TIFF, EPS, or PDF files must be provided for all figures. Figures should remain legible at a 50% reduction, and letters within a word should not touch one another. Labels on the figures should correspond to text notation as to italic or roman typeface, and superscripts and subscripts should be in superior and inferior positions.

FOOTNOTES. When more than a simple reference citation is needed, footnotes may be used. In general, however, they should be avoided.

REFERENCES AND TEXT CITATIONS. Complete bibliographic information should be given in the Reference section where references are to be listed alphabetically. The first reference that appears in the alphabetical list should be numbered "1" and subsequent references should be numbered accordingly. **All references must be cited in the text.** Use the author's last name and the reference number in brackets. For three authors, give all names at the first citation; subsequently use first author and "et al." Below are examples of both text citations and a sample reference list.

Smith and Wollensky [4] have ascertained that the stress factor on metal parts varies with the amount of heavy metal ions included in such metal composition. According to Bishop et al. [1], this variance takes on an exponential factor not unlike that shown in the Mathew's Variable Rate Differential (see Mathew [3, p. 110]). Wing stress tests conducted by the Max Einschuss Laboratory [2] have verified such findings.

References

1. Bishop, A.H., Brown, I.B., & Baker, Z.T. (1978). A review of the limits of stressography. *International Journal of Metal Stress* 61: 455-497.
2. Einschuss, M. (1987). *Laboratory results: 1978-1986*. New York: Cambridge University Press.
3. Mathew, P.B. (1982). A new view on metal stress: The eigenordnung. In P.J. Tucker & S.M. Leder (eds.), *A collection of new wave engineering*. Peabody, MA: Autumn-Orange Press, pp. 104-112.
4. Smith, T.D. & Wollensky, A.R. (1987). *Certain new factors in metal stress research*. Unpublished doctoral dissertation, University of Nevada, Las Vegas.

Journal names must not be abbreviated.

For general stylistic questions, *The Chicago Manual of Style* (14th edition) should be used.

COPYEDITING AND PROOFREADING. The publisher reserves the right to copyedit all articles accepted for publication. Authors will be asked to review proofs of their articles to correct any typographical or technical errors.

COPYRIGHT ASSIGNMENT. Authors will be required to transfer their copyright, on certain conditions, to Cambridge University Press.

PROBABILITY in the Engineering and Informational Sciences

Volume 26 2012 Number 3

CONTENTS

<i>A Los System with Skill-Based Servers under Assign to Longest Idle Server Policy</i>	
Ivo Adan and Gideon Weiss	307
<i>Nash Equilibriums in Two-Person Red-and-Black Games</i>	
May-Ru Chen	323
<i>Delays at Signalized Intersections with Exhaustive Traffic Control</i>	
M.A.A. Boon, I.J.B.F. Adan, E.M.M. Winands, and D.G. Down	337
<i>Likelihood Ratio and Hazard Rate Orderings of the Maxima in Two Multiple-Outlier Geometric Samples</i>	
Baojun Du, Peng Zaho, N. Balakrishnan	375
<i>Some Unified Results on Comparing Linear Combinations of Independent Gamma Random Variables</i>	
Subhash Kochar and Maochao Xu	393
<i>Optimal Replacement Policies Under Environment-Driven Degradation</i>	
M. Yasin Ulukus, Jeffrey P. Kharoufeh, and Lisa M. Mailliar	405
<i>A Generalized Memoryless Property</i>	
Offer Kella and Andreas Löpker	425
<i>Uniform Convergence to a Law Containing Gaussian and Cauchy Distributions</i>	
Jose H. Blanchet and Carlos G. Pacheco-González	437
<i>Inequalities: Theory of Majorization and Its Application</i>	
Harry Joe	449
<i>Infinite-Server Queues with Batch Arrivals and Dependent Service Times—Corrigendum</i>	
Guodong Pang and Ward Whitt	455

Cambridge Journals Online

For further information about this journal please go to the journal website at:

journals.cambridge.org/pes



CAMBRIDGE
UNIVERSITY PRESS