

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Manuscripts are accepted for review with the understanding that the same work has not been and will not be published, nor is presently submitted elsewhere.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 $8\frac{1}{2} \times 11$ 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 28 2014 Number 1

CONTENTS

<i>The Israeli Queue with Infinite Number of Groups</i> Nir Perel and Uri Yechiali	1
<i>Permutational Methods for Performance Analysis of Stochastic Flow Networks</i> Ilya Gertsbakh, Reuven Rubinstein, Yoseph Shpungin and Radislav Vaisman	21
<i>Comparisons of Series and Parallel Systems with Heterogeneous Components</i> Weyong Ding, Gaofeng Da, and Xiaohu Li	39
<i>The Re-Opening of Dubins and Savage Casino in the Era of Diversification</i> Isaac Meilijson	55
<i>Building Random Trees from Blocks</i> M. Gopaladesikan, H. Mahmoud, and M.D. Ward	67
<i>Generalized Birthday Problems in the Large-Deviations Regime</i> M. Mandjes and Eurandom	83
<i>The Optimal Admission Threshold in Observable Queues with State Dependent Pricing</i> Christian Borgs, Jennifer T. Chayes, Sherwin Doroudi, Mor Harchol-Balter and Kuang Xu	101
<i>Prevention of Catastrophic Failures with Weak Forewarning Signals</i> H. Dharma Kwon	121

Cambridge Journals Online

For further information about this journal please
go to the journal website at:
journals.cambridge.org/pes



CAMBRIDGE
UNIVERSITY PRESS