

INFORMATION FOR CONTRIBUTORS TO *NOISE CONTROL ENGINEERING JOURNAL*

Submission of manuscripts

Submit four copies of a manuscript to David K. Holger, Editor-in-Chief, College of Engineering, 104 Marston Hall, Iowa State University, Ames, Iowa 50011. All articles will be reviewed by experts in the subject area of the manuscript.

For multiply-authored manuscripts, the letter transmitting the initial manuscript should be signed by each coauthor, preferably at the time of initial submittal. Submission of a manuscript is a representation by the author(s) that the manuscript in its present form is an original work of the author(s), except where suitably referenced, has not been published previously nor currently submitted for publication elsewhere, and has been cleared for publication by sponsors, if appropriate.

Technical papers, reviews, case histories, and technical notes are all welcome. All contributions shall contain the results of experiments or measurements to demonstrate an engineering solution to a noise or vibration problem; they may combine theoretical and experimental information. Experiments may include computer simulations. Unsubstantiated statements and commercial claims are not acceptable in any contribution. Letters to the Editor and opinions related to noise control engineering topics are also welcome. There are no page charges to authors for publication in NCEJ.

Submittal of the final hard-copy version of a manuscript (after review and revisions are complete) to the NCEJ Associate Editor or to the Editor-in-Chief should be accompanied by a soft-copy version in an electronic file on a 90-mm (3.5-in.) diskette. Files prepared using Microsoft WORD or Novell WordPerfect are preferred.

Manuscript preparation

Submit manuscripts on A4 (210 x 297 mm) or 8 1/2 x 11 inch white paper. Only English-language manuscripts are acceptable. Color photographs or illustrations are strongly discouraged and will be reproduced in black and white. Enter the text in a single column on one side of the page only. Use double spacing for the abstract, text, references, tables, and figure legends, with at least a 25-mm margin all around. Use single spacing for the rest of the manuscript. Indent each paragraph. Number every page consecutively starting with page 1 for the title and abstract page. Give the name of the first author on each page in a running header or running footer.

Consult the American National Standard Acoustical Terminology, ANSI SI.1-1994, for definitions of acoustical terms. Symbols and abbreviations shall be consistent with American National Standard Letter Symbols and Abbreviations for Quantities Used in Acoustics, ANSI Y10.11-1984. Units of measure, unit symbols, and prefixes for multiples of 10 from the International System of Units are required for articles in NCEJ. The unit for the level of quantity is usually the decibel (dB). Indicate a frequency weighting in the name of the quantity, not in its unit symbol.

Format

Divide the text of the manuscript into numbered sections, beginning with 1 for an Introduction that places the subject of the manuscript into context and cites references to previous related work. Typical main headings for other numbered sections include: Theory, Model, Method, Experiments, Procedures, Results, Discussion, Conclusions or Summary, Appendixes (if needed), and References. Main sections may include several subsections. Consult recent issues of NCEJ for the format of headings and subheadings. Recognition of significant personal contributions or financial support should appear in an Acknowledgments section after Conclusions. In the main text, refer at least once, and in consecutive order, to every table, figure, reference, and appendix.

INCE Classification of Subjects

Authors are requested to identify classification of the paper from the INCE Classification of Subjects [add link]

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The title page contains the title of the manuscript; the name(s) of the author(s); the abstract; the suggested primary and secondary INCE subject classification numbers; and the affiliation of each author. Author affiliations should include adequate mailing addresses and e-mail addresses.

The title should be explicit, descriptive, and preferably not contain more than 10 words. In the single-paragraph abstract of not more than 200 words, mention the subject of the manuscript and new methods used; describe qualitatively new observations or conclusions. Include brief numerical results and their accuracy, as applicable. Do not cite references in the abstract.

Mathematical expressions

Enter mathematical expressions by means of an electronic equation editor or word processor program. Write equations on one line whenever possible. Use the solidus (/) to avoid multi-line built-up fractions, except where clarity would be sacrificed. Equations and other mathematical expressions use letter symbols, with subscripts and superscripts as appropriate. Do not use abbreviations in equations. Use italic type for letter symbols and to represent physical quantities such as sound pressure or acceleration and for index counters such as i, j, k. Use roman (upright) type to represent labels and parameters. Number each relevant mathematical expression consecutively throughout the text and at the right-hand margin within parentheses.

Define each letter symbol and abbreviation the first time it is used in the manuscript. Include the relevant SI units. If a list of symbols and abbreviations is provided, place it as section I before the Introduction and do not redefine a symbol or abbreviation in the text. A separate list is not required when there are only a few symbols and abbreviations.

References

In a separate section after the text and any appendixes and before the tables and figures, list the references in the order cited with author names and titles exactly as published. Number the references consecutively in order of appearance. Cite any direct quotes from other sources. Include the page number where the quoted material appears.

Note carefully the difference between the order and style of the information required for periodical and book references and for published and unpublished references such as Proceedings of Meetings or Conferences or company or laboratory reports. Consult the AIP Style Manual and recent issues of NCEJ for guidance on the format and style for listing of references. Examples of listings for references are:

Journal articles:

¹G. Wesley Blankenship and Rajendra Singh, "New rating indices for gear noise based upon vibro-acoustic measurements," *Noise Control Eng. J.* **38**(2), 81-92 (1992).

² F. Holste and W. Neise, "Experimental comparison of standardized sound power measurement procedures for fans," *J. Sound Vib.* **152**, 1-26 (1992).

³ T. F. W. Embleton, "Experimental study of noise reduction in centrifugal blowers," *J. Acoust. Soc. Am.* **35**(5), 700-705 (1963).

Books:

¹¹ Leo L. Beranek, "Criteria for noise and vibration in communities, buildings, and vehicles," Chap. 17 in *Noise and Vibration Control Engineering-Principles and Applications*, edited by Leo L. Beranek and Istvan L. Ver (Wiley, New York, 1992).

¹³ Bernard Widrow and Samuel D. Steams, *Adaptive Signal Processing* (Prentice-Hall, Englewood Cliffs, New Jersey, 1985).