JEES Journal of Electromagnetic Engineering and Science

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Instructions for Authors

Journal of Electromagnetic Engineering and Science (*J. Electromagn. Eng. Sci.*; *JEES*) is an official English journal of the Korean Institute of Electromagnetic and Engineering Science (KIEES). The objective of *JEES* is to publish academic as well as industrial research results and foundings on electromagnetic engineering and science. The journal covers all aspects of researches and technology related to electromagnetics: Electromagnetic Compatibility/Electromagnetic Interference, Microwave and Millimeter-Wave Engineering, Antenna and Propagation, Electromagnetic Theory, Wireless Communication, Lightwave and Electro-Optics, Materials and Components, Software Defined Radar, Radar, Bioelectromagnetics, and etc.

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II. Research and Publication Ethics

Research published in JEES (Journal of Electromagnetic Engineering and Science) must have followed institutional, national, and international guidelines.

It is necessary to agree upon standards of the expected ethical behaviors for all parties involved in the act of publishing: the author, the journal editor, the blind peer reviewer and the publisher.

Our policies on research and publication ethics are based on the Committee on Publication Ethics (COPE) Guidelines.
(http://publicationethics.org/resources/code-conduct)

For further details, please refer to the Research Publication Ethics of the Korean Institute of Electromagnetic and Science (KIEES).
(https://www.jees.kr/authors/ethics.php)

III. Submission of Manuscripts

Authors are expected to be members of the KIEES except for some special cases approved by the Editorial Board of KIEES. All manuscripts should be submitted electronically through the online submission and review site (https://mc03.manuscriptcentral.com/jees). For the first submission, you may be required to create an account on the submission site. A manuscript can be submitted at any time of the year. When submitting a manuscript, authors need to make sure that their manuscripts do not provide any of their identities such as authors' names and affiliations as the review is double-blinded. More detailed submission instruction is available in the upper right corner of the submission site. All manuscripts submitted to the Journal must comply with the instruction and the standard format of the Journal. Otherwise, it will result in return of the manuscript and possible delay in publication. For assistance, please contact us via e-mail (admin-jees@kiees.or.kr).

IV. Peer Review Process

The manuscript will be forwarded to three reviewers selected for their expertise in the field of the submitted manuscript. The acceptance criteria for all papers are based on the quality and originality of the research and its clinical and scientific significance. During the review process, the author is often asked to expand, rewrite, or clearly explain the specific contents of his/her paper. It is not uncommon that an author is asked to provide another draft with the suggested changes for further review. A revised manuscript should be submitted to the homepage within a month from the date on which any change of the manuscript is requested to the author. Once a manuscript has received the final approval of the reviewers and Editor-in-Chief, the author will be notified and asked to prepare the manuscript for final publication and to possibly complete an additional information form.

V. Publication Type

The papers are classified into five categories.

Regular Paper should be an original work that contributes to the academic interests of the KIEES members with technical values. The paper should also be written within 12 pages with A4 size including figures, charts, and tables (The main body of text consists of two columns).

Letter consists of reports of preliminary results or short reports on completed work that are of current interest to many researchers in the field. Comments on material previously published in the journal, suggestions for new directions, and errata could be included. Their length must be less than 3 pages (with a two-column format) including paper title, author affiliation, reference, etc.

Review Paper will be published by direct submission as well as from invited experts. In both cases, the work will be subject to editorial review. Review papers should critically review topics not only to inform the reader of the background, but also to communicate the state of the art and outstanding research problems.

Technical Report is on innovative technical achievements of interest to the community and usually a report of an extensive series of measurements. Report is often involving display in the form of tables or graphs, with text describing the conditions and procedures of measurement.

Editorial is a brief report of research findings adequate for the journal's scope and of particular interest to the community.

VI. Manuscript Preparation

All manuscripts must be written in MS-Word and adhere to the following guidelines:

1. A cover of each paper manuscript should include a title, authors' names (main author and co-authors), author's organizations, contact information (e-mail and phone number), and the author's area of expertise.
2. The first page of a main text should only contain title, abstract with a length of about 150 words, and key words with around five words.
3. The contents of the manuscript should be arranged in the order of abstract, main text, acknowledgments, references, and appendix.
4. The numbers corresponding to chapters in the manuscript should be written in Roman numerals (I, II, III, IV...) and the numbers corresponding to sections should be written in Arabic numerals (1, 2, 3, 4...).
5. Equation numbers should be given in Arabic numerals enclosed in parentheses on the right-hand margin. They should be cited in the text as, for example Eq. (1) or Eqs. (1)-(3).
6. All tables should be numbered consecutively with Arabic numerals. They should be referred to in the text and should be numbered according to their order of mention in the text. In addition, all tables should, not only list all abbreviations in the table in footnotes at the end, but also have a title that is concise and describes the table's contents. Vertical lines are not used. The table should be self-explanatory and supplement, not duplicate, the text. If the table or any data therein have been published, a footnote to the table must give permission information to the original source. The structure should be clear, with simple column headings giving all units. A table should not exceed one page when printed. Use lowercase letters in superscripts $^{a,b,c...}$ for special remarks.

7. All figures should be of high quality meeting with the publishing requirement with legible symbols and legends. In preparing the figures, authors should consider a size reduction during the printing process to have acceptable line clarity and character sizes. Use only figures that are necessary to illustrate the meaning of the text. Figures must be black and white of high contrast. All figures should be referred to in the text as, for example, Fig. 1, Fig. 2(a), or Figs. 1-3.
8. Only those references cited in the text should be listed in the references. Authors are responsible for the accuracy and completeness of their references and the correct text citations. In the text the reference should be numbered in bracket in ascending order (e.g., [1, 3], or [4-6]; Lee [2] and Kim and Park [5]; Jang et al. [7]). In case of the paper title, only the first letter is to be capitalized. However, in case of journal and book titles, the first letter of each word should be capitalized and all of the letters should be italicized. If available, please include full DOI links in your reference list. See the example below.

Books

[1] F. Giannini and G. Leuzzi, *Nonlinear Microwave Circuit Design.* NewYork, NY: John Wiley & Sons Inc., 2004.

Journals

[2] H. Ahn and B. Kim, "Equivalent transmission-line sections for very high impedances and their application to branch-line hybrids with very weak coupling power," Journal of Electromagnetic Engineering and Science, vol. 9, no. 2, pp. 85-97, 2009. https://doi.org/10.5515/JKIEES.2009.9.2.085

Report

[3] E. E. Reber, R. L. Michell, and C. J. Carter, "Oxygen absorption in the earth's atmosphere," Aerospace Corp., Los Angeles, CA, Tech. Rep. TR-0200 (4230-46)-3, Nov. 1988.

Conference Proceedings

[4] S. P. Bingulac, "On the compatibility of adaptive controllers," in *Proceedings of the 4th Annual Allerton Conference on Circuit and System Theory*, NewYork, pp. 8-16, 1994.

Papers Presented at Conferences

[5] J. G. Kreifeldt, "An analysis of surface-detected EMG as an amplitude-modulated noise," presented at the 8th International Conference on Medical and Biological Engineering, Chicago, IL, 1969.

[6] J. Arrillaga and B. Giessner, "Limitation of short-circuit levels by means of HVDC links," presented at the IEEE Summer Power Meeting, Los Angeles, CA, Jul. 1990.

Theses (M.S.) and Dissertations (Ph.D.)

[7] N. Kawasaki, "Parametric study of thermal and chemical nonequilibrium nozzle flow," M.S. thesis, Department of Electronic Engineering, Osaka University, Osaka, Japan, 1993.

[8] J. O. Williams, "Narrow-band analyzer," Ph.D. dissertation, Department of Electronic Engineering, Harvard University, Cambridge, MA, 1993.

Standards

[9] *IEEE Criteria for Class IE Electric Systems*, IEEE Standard 308, 1969.

Online Sources

[10] R. Bartle, "Early MUD History," Nov. 1990; www.ludd.luth.se/aber/mud-history.html.

9. When citing any paper published in JEES, it should be indicated the name of the journal as *Journal of Electromagnetic Engineering and Science* or *J. Electromagn. Eng. Sci.*
10. Acknowledgment, if needed, appears before the reference. Sponsorship or financial support acknowledgment should be included here.
11. Unit and Abbreviation: If the authors describe length, height, weight, and volume, they should use standard metric units. Temperature should be given in degrees Celsius. All other units should follow the International System of Units (SI). All units must be preceded by one space except percentages (%) and temperatures (℃).

Abbreviations must be used as an aid to the reader, rather than as a convenience of the author, and therefore their use should be limited. Generally, abbreviations that are used less than 3 times in the text, including tables and figure legends, should be avoided. Standard SI abbreviations are recommended. Other common abbreviations are as follows (the same abbreviations are used for plural forms): h (hour), min (minute), s (second), d (day), wk (week), mo (month), y (year), L (liter), mL (milliliter), μL (microliter), g (gram), kg (kilogram), mg (milligram), μg (microgram), ng (nanogram), pg (picogram), *g* (gravity; not g), nm (nanometer), μm (micrometer), mV (millivolt), mA

(milliampere), mW (milliwatt), C (coulomb), μF (microfarad), mH (millihenry), n (samplesize), SD (standard deviation of the mean), and SE (standard error of the mean).

VII. Accepted Manuscript

Once the review process has been completed with a decision of acceptance, the final manuscript accommodating all of the reviewers' comments should be submitted along with photos of the authors and their brief biographies (including major research areas). The accepted papers will be published, in principle, in the order of initially submitted dates subject to decision of the Editorial Board.

1. Page Proofs

Authors will be given an opportunity to review the laser printed version of their manuscripts before printing. One set of page proofs in PDF format will be sent by e-mail to the corresponding author. The review should be solely dedicated to detecting typographical errors.

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