

Guide for authors

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Scope

The Iranian Journal of Electrical & Electronic Engineering (IJEEE) is an **open access** peer reviewed journal devoted to publish original papers of high technical standard with a suitable balance of practice and theory related to the broad topics in the field of electrical engineering. All topics are treated with similar emphasis, such as:

- Biomedical Engineering,
- Communication Engineering,
- Computer Engineering,
- Control Engineering,
- Electronic Engineering,
- Power Engineering

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Referees

To finalize your submission, please suggest 3 to 5 reviewers along with their email address to facilitate the reviewing process.

Preparation of manuscripts

The prospective authors should prepare two files for each manuscript; one with full author's information (**name, Email address, postal address, affiliation and biography**) and the other without any author's information. Manuscripts should be typed one-column, double-

spaced; 12 point Times New Roman font and 2.5-cm margins in standard **A4** paper (210^{mm} by 297^{mm}). The paper should be reasonably subdivided into sections and, if necessary, subsections. Manuscripts should not exceed 8 printed pages [approximately 16 double spaced A4 pages plus almost 14 illustrations].

Language

IEEE publications are in English language. As all the published papers are accessed internationally so it is required to prepare your paper in proper English language. If your native language is not English, please get a native English-speaking person to carefully proofread your paper. All the submissions with broken English will be rejected by the secretary without any review.

Abbreviations and Acronyms

Define abbreviations and acronyms the first time they are used in the text, even after they have already been defined in the abstract. Abbreviations such as IEEE, SI, ac, and dc do not have to be defined. Abbreviations that incorporate periods should not have spaces: write “C.N.R.S.,” not “C. N. R. S.” Do not use abbreviations in the title unless they are unavoidable.

Equations

If you are using Microsoft Word, use either the Microsoft Equation Editor or the MathType for equations in your paper.

Number equations consecutively with equation numbers in parentheses flush with the right margin, as in Eq. (1).

The detailed sizes of equations are Full: 10pt, Subscript/Superscript: 5pt, Sub-Subscript/Superscript: 4pt, Symbol: 13pt and Sub-Symbol: 10pt and equations are non-italic and non-bold.

$$K^{-1} = F_u \left(\begin{bmatrix} -0.1 & M^{-1} \\ -0.1 & M^{-1} \end{bmatrix}, \delta_m \right) \quad (1)$$

Be sure that the symbols in your equations have been defined before the equation appears or immediately after it. When you refer to equations in the text, refer to it as: "Eq. (1)" or "Equation (1)" except at the beginning of a sentence: "Equation (1) is used...."

Units

Use either SI (MKS) or CGS as primary units. (SI units are strongly encouraged.) Avoid combining SI and CGS units, such as current in amperes and magnetic field in oersteds. This often leads to confusion because equations do not balance dimensionally. If you must use mixed units, clearly state the units for each quantity in an equation.

The SI unit for magnetic field strength H is A/m. However, if you wish to use units of T, either refer to magnetic flux density B or magnetic field strength symbolized as $\mu_0 H$. Use the center dot to separate compound units, e.g., “A·m².”

Structure guidelines

All the submitted manuscripts should include: Title, Abstract, Keywords, Introduction, Materials and Methods, Results and Discussion, Conclusion, Appendix, Acknowledgements, References and Biographies.

Title

Good titles have three strong parts: keywords, emphasis, and impact. The title is a critical element of a paper. Even your manuscript is perfectly written, a weak title can affect reviewers' and editors' viewpoint.

Abstract

The abstract is a brief (**150-200 words**) synopsis of your full paper. No citations or cross-references should be used there. It is used to provide a quick outline of your research, giving the reader an overview of paper. This is an important aspect of your paper, as this description can pursue the reader to continue and read your full paper. In particular, the main contributions of the paper should be explicitly mentioned in the abstract. An interesting abstract is made up of following sections:

- Aim and scope
- Method
- Results
- Conclusions

Keywords

Keywords should be so chosen that they best describe the contents of the paper. List 4 to 6 keywords in alphabetical order, separated by commas, such as: Digital Redesign, Optimal Control, Robotics.

Introduction

In this section, authors should provide a short text highlighting the subject of paper and present sufficient literature survey, avoiding a detailed comprehensive literature survey and summary of the results.

Materials and Methods

In the Material and Method, all achievements performed throughout the work should be presented along with all modeling and equations used such that the reader can follow the work done easily. Try to refer to all the literature used in your work.

Results and Discussion

Results must be explicit and answer the main research question along with the importance of the presented work. Don't repeat results in the discussion but highlight your contributions here.

Illustrations

Figure captions should be below the figures; table captions should be above the tables. Try to place the figures and tables after their first citation in the text. If your figure has two parts, include the labels "(a)" and "(b)" as part of the artwork. Please verify that the figures and

tables you mention in the text actually exist. Please do not include captions as part of the figures. Do not put captions in “text boxes” linked to the figures. Do not draw borders outside the figures. Use the abbreviation (e.g., “Fig. 1”) even at the beginning of a sentence. Do not abbreviate “Table.”

All half-tone illustrations (pictures/photographs) should be clear black and white prints. Do not use photocopies. Figure axis labels are often a source of confusion. Use words rather than symbols. As an example, write the quantity “Magnetization,” or “Magnetization M ,” not just “ M .” Put units in parentheses. Do not label axes only with units. As in Fig. 1, for example, write “Magnetization (A/m)” or “Magnetization ($A \cdot m^{-1}$),” not just “A/m.” Do not label axes with a ratio of quantities and units. For example, write “Temperature (K),” not “Temperature/K.”

Multipliers can be especially confusing. Write “Magnetization (kA/m)” or “Magnetization (10^3 A/m).” Do not write “Magnetization (A/m) \times 1000” because the reader would not know whether the top axis label in Fig. 1 meant 16000 A/m or 0.016 A/m.

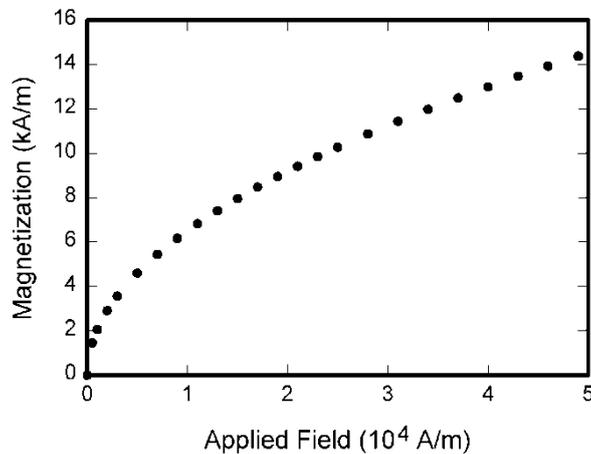


Fig. 1 Magnetization as a function of applied field. Note that “Fig.” is abbreviated.

Finally, note that your illustrations should be clear in printed (grayscale) version and have appropriate resolution for publishing.

Conclusion

Finally “say what you said”, i.e. express your achievements and major contributions and what you did not considered and kept for others to work on.

Appendix

Appendices, if needed, appear before the acknowledgment.

References

List and number all references at the end of the paper. Multiple references are each numbered with separate brackets. When referring to them in the text, type the corresponding reference number in square brackets as shown at the end of this sentence. Number the citations consecutively. The sentence punctuation follows the brackets. Do not use “Ref. [3]” or “reference [3]” except at the beginning of a sentence. Capitalize only the first word in paper title, except for proper nouns and element symbols.

Please use the IEEE referencing style for citation. More information on how to write references using this style can be found [here](#). Authors can download EndNote output style from following link: [EndNote Output Styles](#)

Biographies



All Authors may include biographies (**less than 100 words**) at the end of their papers. It may contain a place and/or date of birth (list place, then date). Next, the author's educational background is listed. The degrees should be listed with type of degree in what field, which institution, city, state, and country, and year degree was earned. Finally, the author's work experience, current and previous jobs, publications and any awards are listed.

If a photograph is provided, the biography will be indented around it. The photograph is placed at the top left of the biography. Personal hobbies will be deleted from the biography.