

Preparation of Papers for the Journal of the JSAEM

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This document contains a list of instructions that provide basic guidelines for preparing camera-ready papers for the journal. Abstract should be written here within about one hundred fifty (150) words. Special attention should be taken in writing the abstract because it is an important part for the readers. The authors who are non-native English speakers should always be careful to describe the essence of the paper clearly and to improve the quality of English description, use native reviser if possible. Remember to check spelling just before submitting your paper.

Keywords: applied electromagnetism, mechanics, journal, JSAEM, instruction, guideline.

JSAEM Secretariat will write the following date. (Received: 1 April 2018)

1. Introduction

This document is a template for Microsoft Word versions 6.0 or later. The electronic version of this document, sample-e.doc, can be downloaded from the JSAEM website,

<http://www.jsaem.gr.jp/index-e.html>

so you can use it to prepare your English manuscript. Another template for Japanese papers is also available.

It should be noted that the JSAEM deals with the interdisciplinary field among mechanical and electrical engineering and materials science. Your paper should be described plainly with commonly used technical terms.

2. Layout and headings

2.1 Layout

The size of the paper must be metric A4 portrait (297mm × 210 mm). Set the left and right margins as 20 mm, and the top and bottom margins as 30 mm and 27 mm, respectively, which leaves an area of 170 × 240 mm for the main text. The body text is formatted in two columns of equal width and a 5 mm gap in between.

The default font for the whole paper is Times New Roman, and font sizes are 10 pts. Please refer Table 1 for the detailed guideline of the font name, style and size.

The spaces before and after a section title are 11 pts and 6 pts, respectively. The first line of each paragraph is indented for 5 mm. The standard number of pages for regular papers is six.

2.2 Headings

The paper will be headed by the paper title. The author name(s) will be indicated on the second line. If an author is a member/student member of the JSAEM, it should be noted as (Mem.)/(Stu. Mem.). The abstract and

Table 1 Type sizes for electronically-submitted papers.

Font size (pt)	Regular	Bold	<i>Italic</i>
9	abstract key words text in tables references correspondence		
10	authors' names and affiliations body text captions of figures and tables	section titles	subsection titles sub-sub-section titles
14		title	

key words will appear below the author name(s).

The affiliation(s) of the author(s) and the name and contact details of the corresponding author are typed at the bottom of the left column in the first page.

3. Preparation of Manuscript

3.1 Figures and tables

The figures and tables should be placed at the top or bottom of the pages. Please insert at least one line blank before and after a figure/table. It is recommended that the width of a regular figure/table should not exceed the width of a column (80 mm). Even if the width of a figure/table is less than that of a column, body text should not be typed next to the figure/table. Large figures and tables may span both columns (170mm).

The size of symbols in figures and tables must be sufficiently large. The same size as in the main text (10 pts) is recommended. Place figure captions below the figures; place table titles above the tables.

All the figures should be included into one electronic file. The resolution of the figures should be higher. If it is necessary for the proper interpretation of your figures as color printing, please include the color figures in one page. Color figures are published in the online version free of charge. However, color reproduction is an

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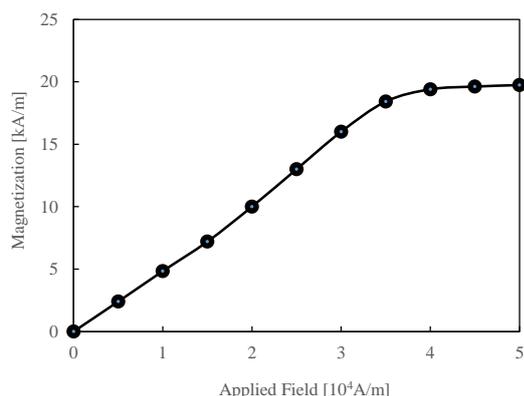


Fig. 1 Magnetization as a function of applied field.
The caption should be centered.

additional expense and all charges for color are the responsibility of the author.

3.2 References

Number citations consecutively in square brackets [1]. Multiple references [2], [3] are numbered with one bracket [2, 3]. Type the reference list at the end of the paper.

3.3 Symbols, Units and Equations

3.3.1 Symbols and Units

Use either SI (MKS) or CGS as primary units (SI units are strongly encouraged). Avoid combining SI and CGS units. The symbols that indicate quantity and units should be written with italic and regular style, respectively, for example, B [T]. Units are specified as v [m/s] and 1.8 m/s.

3.3.2 Equations

Number equations consecutively with equation numbers in parentheses flush with the right margin, as in (1)-(2). The equation itself should be centered. Symbols of vectors should be written with bold-italic style. Symbols of matrixes and tensors should be written with bold style. Punctuate equations when they are part of a sentence, as in

$$E = mc^2, \quad (1)$$

$$\frac{d}{dt} \mathbf{x} = \mathbf{Ax} + \mathbf{Bu}. \quad (2)$$

3.4 Other recommendation

The use of multibyte characters (i.e. non-English alphabet, for example Chinese Hanzi, Japanese Kana and Kanji or Hangul) should be avoided.

4. Conclusion

Although a conclusion may review the main points of the paper, do not replicate the abstract and introduction in the conclusion. A conclusion might elaborate on the importance of the work or suggest applications and extensions.

Appendix

Appendixes, if needed, appear here.

Acknowledgment

Acknowledgement can be placed after the appendixes.

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