

Research Article / Review Article / Communication / Editorial / Erratum

Paper Template for Journal of Transactions in Systems Engineering

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Abstract

Journal of Transactions in Systems Engineering (JTSE) is an open-access and peer-reviewed journal that provides the latest research and developments in all theoretical and practical aspects and fields of intelligent engineering applications and engineering systems design. The journal publishes three times a year and does not require any article processing charges (APC) or any article submission charges (ASC). Researchers, scientists, and engineers involved in scientific, technical, or other issues related to the journal's scope are the target audience for JTSE.

Keywords: Transactions; Systems; Engineering; (JTSE)

INTRODUCTION

The manuscript must be formatted for an A4-sized page, and the font used should be Palatino Linotype throughout. The left and right margins shall be 3.5 mm. The bottom and top margins shall be 3.5 mm. The text shall have both the left and right margins justified. The manuscript should be organized in the following order: title of the paper, authors' names and affiliation, corresponding author email, abstract, keywords, nomenclature (where applicable), introduction, body of the paper (in sequential headings), conclusion, acknowledgement, conflict of interest, references, and appendices (where applicable). The title is aligned left on the page and is set in boldface with a 17-point font size. The first letter of each word in the title should be capitalized. It should adequately describe the content of the paper.

The author's name(s) follows the title but is a different size and is also left on the page (font size: 10 pt). Last names should be spelled out in full and followed by the author's initials. The author's affiliation and e-mail address of the corresponding (all in font size 9 pt) are provided below. It should be an abbreviated, accurate presentation of the contents of the paper. The abstract should contain sufficient information to enable readers to decide whether they should obtain and read the entire paper. Do not cite references in the abstract. The author must present a list of three to six keywords that precisely describe the paper's subject matter, separated by semicolons.

TEXT LAYOUT

The manuscript must be typed with single spacing. Use extra line spacing between equations, illustrations, figures, and tables. The body of the text should be prepared using palatino linguistics. The font size used for the preparation of the manuscript must be 10 points. The first paragraph following a heading should be indented. The following paragraphs must be indented too. Note that there is no line spacing between paragraphs unless a subheading is used. Symbols for physical quantities in the text should be written in italics. Section headings should not be numbered and typed left-aligned on the page and in capital letters only. The type, fonts, and style above (Palatino Linotype) are an example of a section heading with a font size of 12 pt. Do not underline section headings. A bold font should be used for section headings.

Section Headings

Subheadings should be positioned at the left margin and not numbered following the heading, in a bold-faced, *italic* font as the main text (Palatino Linotype 11 point) with single line spacing above and below. The first letter of each word in the subheading should be capitalized. The font size for sub-subheadings is reduced to 10 pt with the same style as subheading.

Equations and Mathematical Expressions

Equation numbers should appear in parentheses and be numbered consecutively. All equation numbers must appear on the right-hand side of the equation and should be referred to within the text, like the following.

$$3\ddot{x} + 5\dot{x} = \sin \sin (\alpha) + \sum_{i=1}^{\infty} K_i \left(\frac{\tan \tan (\beta)}{2^i} \right) \quad (1)$$

Figure and Table

Figures (diagrams and photographs) should be numbered consecutively using numbers. They should be placed in the text soon after the point where they are referenced. Figures should be centered in a column and should have a figure caption placed underneath, as shown in Figure 1. Captions should be centered in the column, in the format "Figure 1," and are in upper and lowercase letters with a font size of 9 pt. When referring to a figure in the body of the text, the abbreviation "Figure" is used. Illustrations must be submitted in digital format with a good resolution.

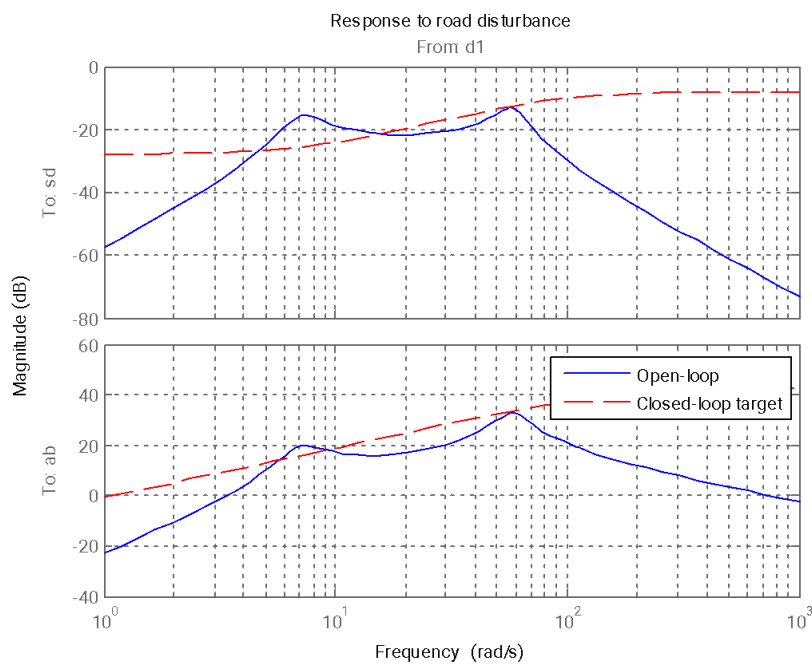


Figure 1. Figure format

Table captions appear centered above the table in upper and lowercase letters with a font size of 9 pt. When referring to a table in the text, "table" with the proper number is used. Captions should be centered in the column, in the format "Table 1," and are in upper and lowercase letters as shown in Table 1. Tables are numbered consecutively and independently of any figures. All figures and tables must be incorporated into the text (in portrait orientation).

Table 1. Table format

Column number 1	Column number 2	Column number 3
Parameter 1 (N)	12.3	1.5
Parameter 2 (kg)	34.50	12.00
Parameter 3 (mm)	25	9

CONCLUSION

A conclusion section must be included and should clearly indicate the advantages, limitations, and possible applications of the paper.

ACKNOWLEDGMENT

An acknowledgement section may be presented after the conclusion, if desired. Individuals or units other than authors who were of direct help in the work could be acknowledged by a brief statement following the text.

CONFLICT OF INTERESTS

The authors should confirm that there is no conflict of interest associated with this publication.

REFERENCE FORMATTING

Citations should be sequentially numbered based on their order of appearance in the text, including table captions and figure legends, and presented individually at the conclusion of the manuscript. To prevent typing errors and duplicate references, it is advisable to use a bibliography software like EndNote, Mendeley, Reference Manager, or Zotero for preparing references. We promote the inclusion of references to data, computer code, and other research materials that can be cited.

Citation in Text

Reference numbers should be enclosed in square brackets and positioned before the punctuation in the text, such as [1], [1–3], or [1,3]. When including embedded citations in the text with pagination, utilize both parentheses and brackets to show the reference number and page numbers. For instance, [5] (p. 12) or [7] (pp. 200–210).

Reference List

Enumerate the references in the reference list according to their order of appearance in the text. The font size is 9 points. The list of references has a 6 mm indentation from the second line of each reference. References that are not publicly available or have not been formally published, such as personal communications and unpublished data, are not considered acceptable. Examples of desired references are as follows.

REFERENCES

Sample:

1. Kim H. and Ryu J. Sideslip Angle Estimation Considering Short-duration Longitudinal Velocity Variation, *International Journal of Automotive Technology*, **2011**; 12(4); pp. 545-553.
2. Hac A., Nichols D. and Sygnarowicz D. Estimation of Vehicle Roll Angle and Side Slip for Crash Sensing, *SAE International Congress*, London, UK, **2010**; 1; pp. 1-11.

References should be described according to the type of work.

- Journal Articles:
 1. Author 1, A.B.; Author 2, C.D. Title of the article. *Abbreviated Journal Name* **Year**, Volume, page range.
- Books and Book Chapters:
 2. Author 1, A.; Author 2, B. *Book Title*, 3rd ed.; Publisher: Publisher Location, Country, Year; pp. 154–196.
 3. Author 1, A.; Author 2, B. Title of the chapter. In *Book Title*, 2nd ed.; Editor 1, A., Editor 2, B., Eds.; Publisher: Publisher Location, Country, Year; Volume 3, pp. 154–196.
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- Conference Proceedings:

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- Thesis:

8. Author 1, A.B. Title of Thesis. Level of Thesis, Degree-Granting University, Location of University, Date of Completion.

- Websites:

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