

Preparation of Papers for IUST International Journal of Industrial Engineering & Production Research

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KEYWORDS

International
journal of
Engineering
Science, IJES,
Author's guide

ABSTRACT

The abstract is a brief (150-200 words) synopsis of your paper. Its use is to provide a quick outline of your presentation, giving the reader an overview of the research. This is an important aspect of your paper, as it is this description that may attract the reader to continue and finish your full report. In particular, the main contributions of the paper should be explicitly mentioned in the abstract. No citations or cross-references should be used there. Keywords should be so chosen that they best describe the contents of the paper.

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1. Introduction

The IUST International Journal of Industrial Engineering & Production Research (IUST-IJIE), publishes original research papers pertaining to the physical/mathematical analysis and synthesis of engineering elements and systems. These instructions give you the basic guidelines for final preparation of papers accepted for publication in the IUST- IJIE.

2. Literature Review

2.1. Fonts

The best results will be obtained if your MS-Word 2003 application has several font sizes. The main font used throughout the document is **Times New Roman**. Try to follow the font sizes specified in Table 1, as best as you can.

Tab. 1. Font sizes used in the paper

Paper's Parts	Font Size	Italic	Bold
Main text, References	9	-	-
Headings e.g., Abstract	11	-	√
Sub-headings	11	-	√
Authors' names	13	-	√
Paper Title	15	-	√
Tables and Figures Captions	10	-	√
Footnotes, Authors' affiliations, Sub- and Superscripts	8	-	-

2.2. Formats

The length of a paper is limited to 10 pages maximum. In formatting your A4-size paper, the top margin should be set to 20mm, bottom margin to 25mm, left margin to 14mm and right margin to 15mm. The column width is 88mm with 5mm space between the two columns.

Columns should be left and right justified. The heights of the last two columns of the paper should be equal. Don't forget to check the spelling. Regarding the spaces and paragraphs format, please attend to these important notes below:

- Before the Heading, formula, table and figure captions a 12 pt space should be apply exactly. Just after a formula, a 6 pt space should be applied too.
- Spacing between the paper's titles and authors names should be 30 pt exactly.
- Spacing between authors names with the word Abstract should be 36 pt exactly.
- Spacing between Abstract paragraph with Keywords should be 18 pt exactly.
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- ☑ In using the Bullets, the bullet sign is located at the beginning of the column exactly, and its paragraph starts at one column right, so there is no word under the bullet sign, for an instant example, check this guideline out.
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3. Illustrations

Position figures and tables at the tops and bottoms of columns, if possible. Large figures and tables may span both columns. Figure captions should be below the figures; table captions should be above the tables. Try to place the figures and tables after their first mention in the text. Use the abbreviation (e.g., "Fig. 1") even at the beginning of a sentence. All half-tone illustrations (pictures/photographs) should be clear black and white prints. Do not use photocopies.

4. Citations and References

List and number all references at the end of the paper. When referring to them in the text, type the corresponding reference number in square brackets as shown at the end of this sentence: [1] and [2]. Also use the referencing style as shown by [1] and [2], respectively. Number the citations consecutively. Sentence punctuation should follow the brackets. Do not use "Ref. [3]" or "reference [3]" except at the beginning of a sentence. Capitalize the main title of the paper, and only the first word in the paper subtitle.

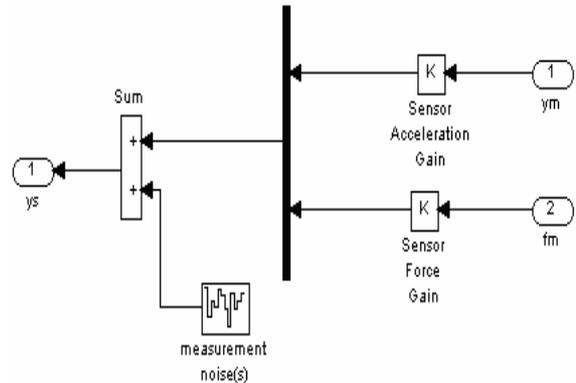


Fig. 1. Sensor model implementation in semi-active control system design

5. Equations

Number equations consecutively with equation numbers in parentheses flush with the right margin, as in Eq. (1). Be sure that the symbols in your equation have been defined before the equation appears or immediately following. When you refer to equations in the text, refer to "Eq. (1)" or "Equation (1)" except at the beginning of a sentence: "Equation (1) is used...."

$$M^{-1} = F_u \left(\begin{bmatrix} -0.1I & \bar{M}^{-1} \\ -0.01I & \bar{M}^{-1} \end{bmatrix}, \delta_m \right) \tag{1}$$

References

[1] Cotter, N.E., & Guillerm, T.J., "The CMAC and a theorem of Kolmogorov," *Neural Networks*, Vol. 5, 1992, PP. 221-228.

[2] Zhou, K., Doyle, J.C., & Glover, K., *Robust and optimal control*, Prentice-Hall, Englewood cliffs, NJ, 1996.