



Preparation of Papers for Technology & Education Journal

First A. Author, Second B. Author and Third C. Author

Abstract: The abstract is a brief (150-200 words) synopsis of your 10-page 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.

Keywords: Optimal Control, Robotics, Digital Redesign

1 Introduction

The journal of Technology & Education 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 journal of Technology & Education.

2 How to Format the Pages

2.1 Fonts

The best results will be obtained if your computer word processor 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.

Table 1 Font sizes used in the paper

Font Size	Bold	Italic	Text
10			Main text, references, authors' affiliations
10	Yes		Headings and sub-headings e.g., Abstract
11			Authors' names
18	Yes		Paper title
9			Table names, table captions, figure captions
8			Footnotes, sub- and superscripts

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 (0.8 inches), bottom margin to 25mm (1 inch), left margin to 14mm (0.56 inches) and right margin to 15mm (0.6 inches). The column width is 88mm (3.46 inches) with 5mm (0.2 inches) 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.

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 for papers and books as shown by [1] and [2], respectively. Number the

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E-mail: xxxxx@xxxxx.xxx.xxx, yyyyyy@yyyyy.yyy.yyy
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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.

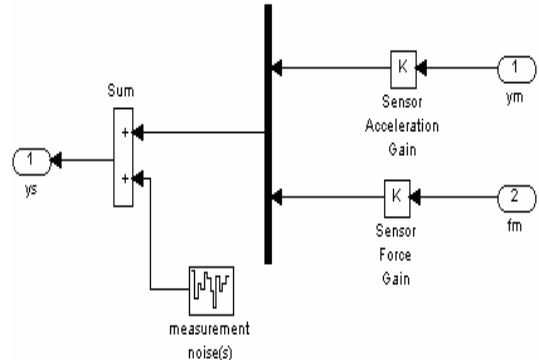


Fig. 1 Sensor model implementation in semi-active control system design

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...."

$$M^{-1} = F_u \left(\begin{bmatrix} -0.1I & \bar{M}^{-1} \\ -.01I & \bar{M}^{-1} \end{bmatrix}, \pm_m \right) \quad (1)$$

References

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

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