*Digital Object Identiﬁer: 10.24054/rcta.vXiXX.1234*

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| **Colombian Journal of Advanced Technologies indications for Paperson** |

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| ***Revista Colombiana de Tecnologías de Avanzada indicaciones para la presentación de Artículos*** |

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| |  | | --- | | **Abstract:** Our journal has a biannual basis and is dedicated to the engineering area, mainly to the disciplines of electrical, electronics, telecommunications and systems engineering, so the target audience for the magazine that is interested in such areas. We publish scientific research papers or problem reflections in a specific topic, review articles, papers, reviews, discussions and translations, within this thematic framework. We use the IEEE standards for publications. |  |  | | --- | | **Keywords**:Publishing rules, procedures, publication, IEEE format. |   **Resumen:** Nuestra revista tiene una periodicidad semestral y está dedicada al área de las Ingenierías, principalmente a las disciplinas de Ingenierías Eléctrica, Electrónica, Telecomunicaciones y Sistemas; por tanto, el público objetivo de la revista es aquel interesado en tales áreas. Se publicarán artículos de investigación científica o de reflexión sobre un problema o tópico de un área, artículos de revisión, ponencias, reseñas, discusiones y traducciones, dentro de este marco temático. Utilizamos las normas IEEE para publicaciones. |

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| **Palabras clave**:Normativa de publicación, procedimientos, publicación, formato IEEE. |

**1. INTRODUCTION**

The process to evaluate submitted materials involves the editor conducting an initial review of the submitted material to determine if it meets the required criteria; thereafter, it will be handed over to the Editorial Committee, where the selection of articles and the appointment of peers for the evaluation process will take place.

Along with the article, authors must submit the data format for authors and research, which can be obtained from the journal's website**:** [*https://ojs.unipamplona.edu.co/index.php/rcta/directricesautor*](https://ojs.unipamplona.edu.co/index.php/rcta/directricesautor)

**2. RECOMMENDATIONS**

The article must be submitted in electronic format using the Word processor. You can send it via email to the journal's address: <rcta@unipamplona.edu.co> or by submitting it through the platform [*https://ojs.unipamplona.edu.co/index.php/rcta/about/submissions*](https://ojs.unipamplona.edu.co/index.php/rcta/about/submissions), ensuring that it is in the specific format and contains all the necessary material for evaluation and publication.

In the author guidelines, you must provide information about all authors and the research; this data is a basic requirement for publication.

The manuscript must be accompanied by an abstract in Spanish and English, which should not exceed 150 words. It is recommended that it include the study or research objectives, basic procedures used, major results, and main conclusions of the article. 3 to 5 keywords in Spanish and English should be presented and identified as such.

**3. GUIDELINES FOR TEXT SUBMISSION**

The text - including citations, footnotes, tables, figure captions, and bibliographic references - must be typed clearly and cleanly in Times New Roman font, size 10, single-spaced, single-column, with the title in Spanish and English centered, followed by the authors' names with their respective scientific degrees and affiliations (with the institution of origin in bold). Then the abstract, the Abstract, and finally the keywords in Spanish and English (Keywords), all justified.

The rest of the body of the work should be in double columns (with columns of equal width of 7.3 cm and spacing of 1.39 cm), single-spaced, on letter-sized paper - 21.5 x 28 cm - with left and right margins of 2.8 cm, and top margin of 2.5 cm and bottom margin of 2.4 cm.

Articles must be a minimum of 4 pages and a maximum of 8 pages; except in the case of state-of-the-art review articles, which may have up to 12 pages. All pages must be numbered consecutively at the bottom center with Times New Roman font, size 10 regular.

**3.1. Figures**

All graphical material must be directly referred to in the text or within parentheses, such as "(see Fig. 1)". This material should be presented independently, numbered consecutively (Fig. 1, Fig. 2, etc.), and providing the corresponding title and source.

Graphs should be created and saved using programs that support formats such as PostScript (PS), Encapsulated PostScript (.EPS), TIFF (.TIFF), PDF (.PDF), JPEG, and PNG (.PNG). It is advisable to consider these programs' capabilities for adjusting size and resolution. The responsibility for obtaining publication permission lies with the article's author.



***Fig. 1****. Speed response of the PID controller and the fuzzy logic controller.*

***Source:*** *own elaboration.*

*3.1.1. Subfigure labels in figures*

The labels should appear centered below each subfigure in Times New Roman font, size 8, in the format of (a), (b), (c).

**3.2. Tables**

When referencing your tables within your article, do not abbreviate "Table". Tables should be numbered. Titles should be centered above with size 8, in italics, and underlined.

***Table 1:*** *Rule base*

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|  | **NG** | **NP** | **C** | **PP** | **PG** |
| **NG** | MB | MB | MB | B | B |
| **NP** | MB | MB | B | B | N |
| **C** | B | N | N | N | A |
| **PP** | N | A | A | MA | MA |
| **PG** | A | A | MA | MA | MA |

***Source:*** *own elaboration.*

The content of the table should be in font size 8.

**3.3. Equations**

Number equations consecutively with equation numbers in parentheses flush with the right-hand margin of the column, as in (1). When referring to an equation within the text, use "(1)", not "Eq. (1)" or "equation (1)", except at the beginning of a sentence: "Equation (1) is used when...".

 (1)

**3.4. Titles**

The document title should encapsulate the main idea and avoid words that do not serve useful purposes, increase its length, or confuse the reader. It should be concise.

3.4.1. Subtitles

Subtitles indicate the main subdivisions of the text and should guide the reader on the topics covered in the writing. There should be no more than three levels of subtitles. They should accurately reflect the organization of the document.

**3.5. Footnotes and Citations**

Footnotes should always be placed at the bottom of the page, serving to comment, complement, or elaborate on important information within the text. They should not be bibliographic notes unless they are direct quotations from journals or books. Quotations longer than three lines or requiring emphasis should be written in a separate indented paragraph. Those included within the text should be enclosed in quotation marks.

**4. CONCLUSIONS**

Final remarks summarizing and highlighting the most significant contributions of the work.

**ACKNOWLEDGMENTS**

This is optional and where credit can be given to institutions and individuals for their contributions.

**REFERENCES**

Citations within the text shall be made using numbers in brackets in the order of appearance. For example: As demonstrated in [3]; and according to [4] and [6]–[9]. When citing multiple sources simultaneously, it is preferable to list each one with its own brackets, for example, "as indicated by several studies [1], [3], [5]". The citation format for references is defined by the IEEE and should be prepared according to the following scheme:

*Example Journal Publications Using Article Numbers:*

1. Author, "Article Title", *Abbreviation. Journal Title*, vol. x, no. x, abbreviation. Month, year, art. No. xxxxx, doi: 10.1109.XXX.1234567.

*Example Basic Format for Books:*

1. JK Author, "Chapter Title", *in Book Title, x* ed. City of Publisher (US state only), Country: Publisher Abbreviation, year, chap. x, sec. *x*, pp. xxx–xxx.

*Example Basic Format for Conference Proceedings:*

1. JK Author, "Article Title", in Conf. *Abbreviated Name*, Conf. City, State Abbrev. (if indicated), country, year, pp. xxxxxx.

*Example Basic Format for Electronic Documents (when available online):*

1. Issuing Organization. (year month day). *Title*. [Medium type]. Available: site/path/file

*Example Basic Format for Theses (MS) and Dissertations:*

1. JK Author, "Thesis Title", master's thesis, Dept. Abbrev. Univ., Univ. City, State Abbrev., year.

*Example Basic Formats for Standards:*

1. *Standard Title*, Standard Number, Corporate Author, location, date..
2. *Standard Title*, Standard Number, date.

*Example Basic Format for Code:*

1. Author, Publication or Release Date, Year. "Full Title, including ed./vers.#", distributed by Publisher/Distributor, http://url.com (or if DOI is used, end with a period)

**APPENDICES**

This is optional and where additional data, program listings, nomenclatures, symbolizations, and, in general, information can be added to complement the understanding of the work.