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Abstract. - (less than 150 words) It must be written in a single paragraph; only consecutive points are allowed in the paper. It should include the objectives, methodology used, results, and conclusions in clear writing. The complete article should have a maximum length of **12 pages**. The font to be used should be Times New Roman size 10. Single spaced 1.0.

Keywords: 3-4 keywords spaced by coma.

Título en español (Tamaño 12)

Resumen. - (Maximo 150 palabras)

Palabras clave: 3 a 4 palabras clave separadas por coma (,)

I. INTRODUCTION (Only the centered title)

It must precisely express the problem, the general objective, indicate the basis of the study or project carried out and the methodology used for its presentation. It recommends following the scheme adopted in the journal *Universidad, Ciencia y Tecnología*: introduction, development (Methodology, results and its discussion), conclusions, and bibliographical references. Support the contribution based on a brief review of the state-of-the-art, citing in an orderly fashion the bibliographical references related to the subject. To close the section, explain in a concise way the organization or structure of the paper. Remember that the complete article should have a maximum length of 12 pages. Avoid the use of textual citations.

II. DEVELOPMENT (Only the centered title)

Text in Times New Roman size 11.

A. *Subtitles* (Initial capital letter only. Do not increase indentation.)

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III. METODOLOGÍA (Only the centered title)

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B. *Subtitles* (Initial capital letter only. Do not increase indentation.)

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IV. RESULTS (Only the centered title)

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CONCLUSIONS

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Avoid reproducing aspects contained in the abstract as a conclusion. *The conclusions should be relevant only to the contribution made.* If you prefer, you may use numbering.

A conclusion could extend the importance of the work or could make you think of applications and extensions.

APPENDIX (Centered) (Optional)

The appendices, if necessary, appear before the recognition.

ACKNOWLEDGEMENT (Centered) (Optional)

Use the singular title even if you have many acknowledgments. Avoid expressions such as "One of us (S.B.A.) would like to thank..." Instead, write "F. A. author's acknowledgments..." **Acknowledgments to sponsor and financial support are placed in the footnote on the first page without numbering.**

REFERENCES (Centered and unnumbered)

Citations and references should be made with **IEEE STANDARDS**. Use Word or similar.

Procedures:

Number quotations consecutively in square brackets [1]. The period of the sentence follows the square brackets [2]. Multiple references [2], [3] are numbered with separate brackets [1]-[3]. When citing a section in a book, please indicate the appropriate page numbers [2]. In sentences, refer to the reference number, as in [3]. Do not use "Ref. [3]" or "reference [3]" except at the beginning of a sentence: "Reference [3] shows..."

Please note that the references below are in the preferred style. You must cite all authors; do not use "et al del" unless there are six authors or more. Use a space after the authors' initials. Papers that have not been published should be cited as "unpublished" [4]. Papers that have been submitted or accepted for publication should be referenced as "submitted for publication" [5]. Please affiliations and addresses for personal communications [6].

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5. The date of publication should also not be mentioned in the body of the document.
6. It is not necessary to include the word "reference"; for example, "...in reference [27] ...": it is sufficient to indicate "...in [27] ...".
7. To cite more than one source at the same time, it is preferable to state each source with its square brackets, e.g., "as indicated by several studies [1], [3], [5] ..." instead of "as indicated by several studies [1, 3, 5] ..."

Books

Author's Initials and Last Name, Title of the book in italics. Edition. Place of publication: Publisher, Year of publication.

Examples:

- [1] R. G. Gallager. Principles of Digital Communication. New York: Cambridge University Press, 2008.
- [2] A. Rezi and M. Allam, "Techniques in array processing by means of transformations," in Control and Dynamic Systems, Vol. 69, Multidimensional Systems, C. T. Leondes, Ed. San Diego: Academic Press, 1995, pp. 133-180.
- [3] J. A. Prufrock, Ed., Lasers, 2nd. ed. New York: McGraw-Hill, 2004.

Journal article

Author's Initials and Surname, "Title of the article in quotation marks"; abbreviated title of the journal in italics, volume (abbreviated vol.), abbreviated number (no.) pages (abbreviated pp.); Month Year.

Examples:

- [4] G. Liu, K. Y. Lee, and H. F. Jordan, "TDM and TWDM de Bruijn networks and sufflenets for optical communications," IEEE Transactions on Computers, vol. 46, pp. 695-701, June 1997.
- [5] S.-Y. Chung, "Multi-level dirty paper coding," IEEE Communication Letters, vol. 12, no. 6, pp. 456-458, June 2008.

NOTE: To reference articles that have not yet been accepted, for publication, use the phrase "submitted for publication" instead of the date. If they have been accepted but not yet published, use "to be published" instead of the date.

Articles published in conferences

Author's Initials and Last Name, "Title of conference paper" in Full name of conference, City of conference, Abbreviated conference status (if applicable), Year, Pages (abbreviated pp.)

Examples:

- [6] N. Osifchin and G. Vau, "Power considerations for the modernization of telecommunications in Central and Eastern European and former Soviet Union (CEE/FSU) countries", in Second International Telecommunications Energy Special Conference, 1997, pp. 9-16.

- [7] G. Caire, D. Burshtein, and S. Shamai (Shitz), "LDPC coding for interference mitigation at the transmitter," in Proceedings of the 40th Annual Allerton Conference in Communications, Control, and Computing, Monticello, IL, pp. 217-226, October 2002.

NOTE: The word "in" before the conference title is not italicized.

Paper presented at a conference but not published

Author's Initials and Last Name, "Title of conference paper", presented at the Full title of the conference, City of the Conference, Abbreviated State, Year.

Example:

- [8] H. A. Nimr, "Defuzzification of the outputs of fuzzy controllers", presented at 5th International Conference on Fuzzy Systems, Cairo, Egypt, 1996.

Technical reports (reports, internal documents, memoranda)

Author's Initials and Surname, "Report Title" Company Name, Company Headquarters, Type of abridged report, Report Number, Date of publication.

Example:

- [9] K. E. Elliot and C. M. Greene, "A local adaptive protocol", Argonne National Laboratory, Argonne, France, Tech. Rep. 916-1010-BB, 1997.

Master's thesis or doctoral dissertation

Author's Initials and Last Name, "Title of thesis or project" Type of document (doctoral thesis, master's thesis, etc.), Department, Academic Institution (abbreviated), City, State (abbreviated), Year.

Example:

- [10] H. Zhang, "Delay-insensitive networks," M.S. thesis, University of Waterloo, Waterloo, ON, Canadá, 1997.
- [11] J.-C. Wu. "Rate-distortion analysis and digital transmission of nonstationary images". Ph.D. dissertation, Rutgers, the State University of New Jersey, Piscataway, NJ, USA, 1998.

Class notes

"Title of notes or subject", class notes for Subject code, Department, Institution or University, time and year.

Example:

- [12] "Signal integrity and interconnects for high-speed applications", class notes for ECE497-JS, Department of Electrical and Computer Engineering, University of Illinois at Urbana-Champaign, Winter 1997.

Private communications

Initials and Surname of the person with whom the communication is maintained (private communication), Year.

Example:

- [13] T. I. Wein (private communication), 1997.

from Internet

Author's initials and last name (year, month and day). Title (edition) [Media type, usually Online]. Available: Url.

Example:

- [14] J. Jones. (1991, May 10). Networks (2nd ed.) [Online]. Available: <http://www.atm.com>

NOTE: Internet resources may present a very varied typology (journals, monographs, websites of entities, databases, etc.). In general, they are cited as the printed document of the type to which they belong by adding the indication [Online] or another type of medium by which they are transmitted, and the DOI (Digital Object Identifier) or URL.

Catalogs

Catalog No. Catalog Code, Product Name, Company, City, State (abbreviated).

Example:

- [15] Catalog No. NWM-1, Microwave Components, M. W. Microwave Corp., Brooklyn, NY.

Applications note

Product or company name, App. Note Application note number, Pages (abbreviated pp.).

Example:

- [16] Hewlett-Packard, Appl. Note 935, pp. 25-29.

Standards or patents

Initials and Surname of the author, "Title of the patent", Number, Month, Day, Year.

Example:

- [17] K. Kimura and A. Lipeles, "Fuzzy Controller Component,"; U. S. Patent 14,860,040, December 14, 1996.

Research data

M. Veljić, N. Rajčević, and D. Bukvički, "A Revision Of The Moss Collection Of The University Of Belgrade Herbarium (Beou) From The Ostrozub Mountain In Serbia." Zenodo, 2016.

GENERAL DISPOSITIONS

- The complete article must have a maximum length of 12 pages.
- All images, such as figures, will be processed. Do not include figures copied from the Internet but those resulting from your research. The title should be at the bottom. You must make references to it in the text before the figure. The figures must be vectorized. Not taken from the Internet. Figures corresponding to results must be in original Excel format.

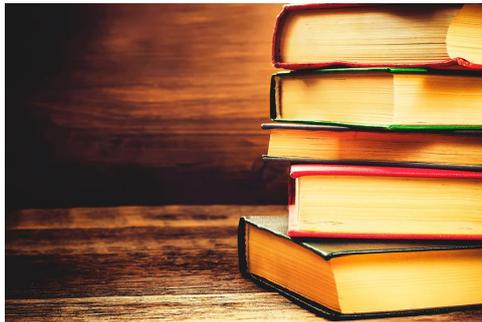


Fig. 1. Library

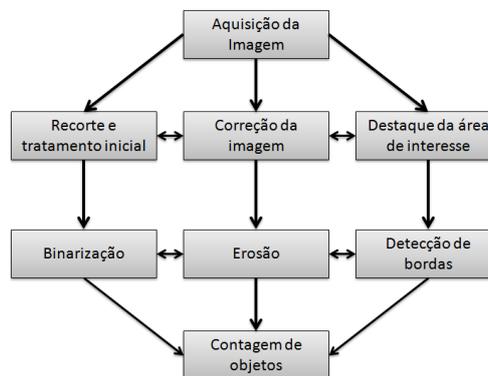


Fig. 5. Operating diagram.

State the figure captions below the figures; place the table captions at the top. If your figure has two parts, include "(a)" and "(b)" labels as part of each section.

- Figure axis labels are often a source of confusion. Use words instead of symbols.
- Write preferably in the third person and with technical-scientific language.
- For tables, consider that they should all be useful for the research. Place the titles of the tables at the top. Do not place subtitles in "text boxes" or in any other modality inserted in the figure. Do not put external borders on the tables. Do not abbreviate "Table". **Tables are numbered with Arabic numerals (1,2,3, 4, ..., etc.).**
- Figure axis labels are often a source of confusion. Use words instead of symbols.

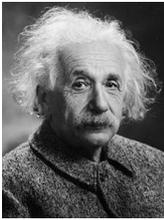
TABLE 1. Comparison of results obtained. (font size 10 for figure and table titles).

Heading level	Example	Font size and style
Title (centered)	Lecture Notes	14 point, bold
1 st -level heading	1 Introduction	12 point, bold
2 nd -level heading	2.1 Printing Area	10 point, bold
3 rd -level heading	Run-in Heading in Bold. Text follows	10 point, bold
4 th -level heading	<i>Lowest Level Heading.</i> Text follows	10 point, italic

Tables must be strictly in this format.

- At the end of the article, after the references, include a brief description of the authors, maximum 4 lines, and a photo of the article.

THE AUTHORS:



Albert Einstein, a German physicist of Jewish origin, was later naturalized Swiss, Austrian and American. He is considered the most important, well-known, and popular scientist of the 20th century.