



Paper Title : Capitalize The First Letter

(Left, Bold, Arial 16, max 10 words in English)

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ABSTRACT (10 PT)

A well-prepared abstract enables the reader to identify the basic content of a document quickly and accurately, to determine its relevance to their interests, and thus to decide whether to read the document in its entirety. The Abstract should be including background, novelty, objectives, methods, results and conclusions. The abstract should be 100 to 150 words in length. It is written in single-spaced, italic, using Times New Roman with 10 point font. Standard nomenclature should be used and abbreviations should be avoided. No literature should be cited. The keyword list provides the opportunity to add keywords, used by the indexing and abstracting services, in addition to those already present in the title. Judicious use of keywords may increase the ease with which interested parties can locate our article.

1. INTRODUCTION (Bold, 11 PT)

Transformatika publishes journal articles that the topic relates to the study intelligent system and internet of things. The article presents a new knowledge, empirical observation, result of the study and development or proposition of new ideas which written in novelty of research.

Within the introductory paragraphs, the author states background of the research, identification of the problem, limitation of the research problem, formulation of solving problem, and review of literature and previous studies (references are taken from journal articles or scientific publications maximum three years old). The author also explain novelty of research, research purposes and its significances.

The main text format consists of a flat left-right columns on A4 paper (quarto). The margin text from the left, right, top, and bottom 3 cm. The manuscript is written in Microsoft Word, Times New Roman font, 11pt, in 1 line spacing and maximum 10

pages. Then, tables are not allowed to be embedded within this part. If any, the table should be interpreted into sentences. Citation format using numbering [1].

RESEARCH METHODS (Bold, 11 PT)

This section explains about the research chronological, including research design, research procedure (in the form of algorithms, Pseudocode or other), how to test and data acquisition materials of the research and the equipments used as the method. There is also explanations about the steps of solving the problem.

1. Heading 1

Sub-chapter can be written using Heading I style. It can be preceded with bullet (a, b, c, etc) to show sequences or levels of each sub-chapter, as seen below.

- a. States the first point
- b. States the second point, etc

The format can be automatically presented by utilizing the feature of bullet and numbering provided in the toolbar of Microsoft Word.

2. General requirements

Manuscript is typed on a computer using Microsoft Word in A4 paper with marginal space 4 for top and left, 2 for bottom and right. It is also written in 1.5 spacing, Times New Roman, 10pt. The number of pages is arranged from 7 to 15 pages, and the number of images should not exceed 30% of the whole text. Title of the paper is written clearly using the right diction, and it should reflect the topic that is discussed in the following text.

3. Reference

Author-date system is used to write references. It means that the references is written in a bracket, containing the last name of the author followed by the year of issue. For example '(Kosko, 1999)' or 'the opinion of the Kosko (1999)'. Applications, such as Mendeley, Zotero or EndNote, are helpful for you. They provide formats that automatically types the right structure to note the references right after you insert or entry the data of reference.

4. Equation

Microsoft Equation is strongly advised to use for typing mathematical equations. You can find the feature by clicking "insert" button then choosing "object". If it is not found, you need to install them.

$$z_in_j = b1_j + \sum_{i=1}^n x_i v_{ij} \quad (1)$$

Using the feature, equation will be presented at the format as seen on the example above. Please make sure that you do not forget to write down the number ordered by the format of equality. The equation number is written in brackets, that is put on the right of it. When you need to write the explanations that refer to the equation, you may write this way: in Equation (1) and so on. Equation is written in normal font size, except for the numbers. Use 10-point font size to a variable, and 8-point font size to the index.

5. Table

Text within the table is written in left-justified using Times New Roman, single-spaced. Please make sure that you create tables properly, utilizing "Table" menu by clicking Insert and choosing Table. Select the area of table grid suited to your needs of columns and rows. You can embed the reference of the table to your text by writing '... pay

attention to the font used in Table 1' (capitalize the T of table). The table should relate to the previous or following script, and displayed along with the script. It could not be presented separately from the script or stand alone without any script. Below is the example of table design.

Table 1. Table title, use Sentence Case (capitalize each initial letters), Center text

No.	this line	Bold
1	Table of contents, if not enough, you can shrink the font size to 8 points. Do not be smaller than this because it will be difficult for the reader.	Regular font tables of contents

Table 1. The Performance of ...

Variable	Speed (rpm)	Power (kW)
x	10	8.6
y	15	12.4
z	20	15.3

Try not to cut off the tables on different pages, unless it exceeds one page. If it is a must, do not forget to rewrite the header row for each column and give the serial number of the same table. The number can be used to replace the title while giving statement that relates to the table. Title of the table should not be end up with dot. A table with a width of more than 1 column should be placed at the beginning or end of the page, while the table with a width of less than 1 column can be placed in various ways depending on the sentences referred.

6. Figure

As well as a table, make sure that every figure has a serial number and title. Draw a figure like a professional, but do not frame it. Be sure to present black-and-white images. The figures can be labeled in format of Judul_Gambar. Remember that the figure must also be referenced to the previous or following text. You can refer to the figure by writing '... if the message as shown in Figure 1, the Macro Security must be set Medium' (capitalize the F of figure). Title of the figure does not end with a dot. For a figure with a width of more than

one column, the position of the image must be placed at the beginning or end of the page, whereas a figure with a width of less than 1 column has free placement.

However, figures with small size should not be placed ahead of sentences. Place it before the title of the paper.

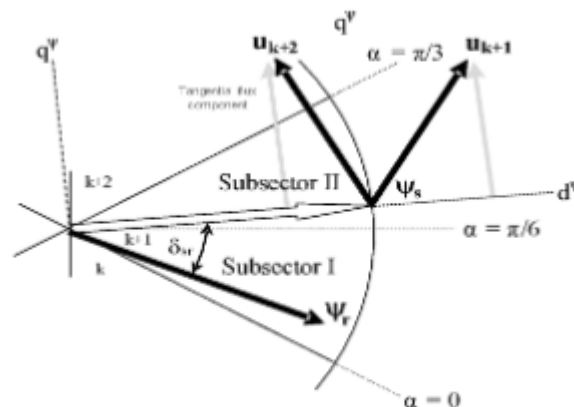


Figure 1. The title picture, also using sentence case, Center text
(Capitalize the initial letters)

7. The algorithm or program

The algorithm or program is considered as the figures but written using different font. It is generally written using Courier New with a maximum size 10-point font.

RESULTS (Bold, 11 pt)

In this section, it is explained the results of research and at the same time is given the comprehensive discussion. Results can be presented in figures, graphs, tables and others that make the reader understand easily.

DISCUSSION (Bold, 11 pt)

Discussion can be represented in written text to build a discussion of the findings, that is about the new, the modification or the established theory also describes the results of the research.

CONCLUSIONS AND RECOMMENDATIONS (Bold, 11 pt)

In this section, it can also be added the prospect of the development of research results and application prospects of further studies into the next (based on result and discussion).

REFERENCES

The main references are international journals and proceeding. All references should be to the most pertinent and up-to-date sources. References are written in Vancouver style. Each citation should be written **in the order of appearance in the text**. Please use a consistent format for references – see examples below:

If your references are from journal articles:

- [1] Author1 A, Author2 B. Title of Manuscript. *Name of Journal or its Abbreviation*. year; Vol.(Issue): pages.
- [2] Casadei D, Serra G, Tani K. Implementation of a Direct Control Algorithm for Induction Motors Based on Discrete Space Vector Modulation. *IEEE Transactions on Power Electronics*. 2007; 15(4): 769-777. (*in this case Vol.15, Issues 4, and page 769-777*)

If your references are from Proceeding articles:

If the proceedings consists of several volumes

- [3] Author1 A, Author2 B. *Title of Manuscript*. Name of Conference of Seminar. City. Year; volume: pages.
- [4] Calero C, Piatini M, Pascual C, Serrano MA. *Towards Data Warehouse Quality Metrics*. Proceedings of the 3rd Intl. Workshop on Design and Management of Data Warehouses (DMDW). Interlaken. 2009; 39: 2-11. (*in this case, city: Interlaken, year: 2009, Vol.39, page: 2-11*)

If the proceedings in single volume

- [5] Author1 A, Author2 B. *Title of Manuscript*. Name of Conference or Seminar. City. year: pages.
- [6] Yamin L, Wanming C. *Implementation of Single Precision Floating Point Square Root on FPGAs*. IEEE Symposium on FPGA for Custom Computing Machines. Napa. 2008: 226-232.

If your references are from Textbooks:

If the references are refer to specific page range in a book

- [7] Author1 A, Author2 B. The Title of the Book. Edition. City: Publishert. year: pages.
- [8] Mohan N, Undeland TM, Robbins WP. *Power Electronics*. New York: John Wiley & Sons. 2005: 11-13.
- [9] Ward J, Peppard J. *Strategic planning for Information Systems*. Fourth Edition. West Susse: John Willey & Sons Ltd. 2007: 102-104.

If the references are refer to some separate pages in a book.

- [10] Author1 A, Author2 B. Judul Buku. City: Publisher. Year.
- [11] Mohan N, Undeland TM, Robbins WP. *Power Electronics*. New York: John Wiley & Sons. 2005.
- [12] Ward J, Peppard J. *Strategic planning for Information Systems*. Fourth Edition. West Susse: John Willey & Sons Ltd. 2007.

Edited book:

- [13] Author1 A, Author2 B. *Editors*. Title of the Book. City: Publisher. Year.
- [14] Zade F, Talenta A. *Editors*. *Advanced Fuzzy Control System*. Yogyakarta: UAD Press. 2010.

Chapter in a book:

- [15] Author1 A, Author2 B. Title of the Book. In: Editor1 A, Editor2, B. Title of the Book. Edition. City: Publisher. Year: pages.
- [16] Arkanuddin M, Fadlil A, Sutikno T. A Neuro-Fuzzy Control for Robotic Application Based on Microcontroller. In: Krishnan R, Blaabjerg F. *Editors*. *Advanced Control for Industrial Application*. 2nd ed. London: Academic Press; 2006: 165-178.

Translated Books.

- [17] Original Author. Year. Title of the Translated Book. Translator. City: Publisher of the translated book. Year of the translated book.
- [18] Pabla. 2004. Sistem Distribusi Tenaga Listrik. Abdul Hadi. Jakarta: Erlangga. 2007.

If your references are from Thesis/Disertation:

- [19] Author. Title of Thesis/Disertation. Thesis/Disertation. City & Name of University/Institute/College; Year.
- [20] Rusdi M. A Novel Fuzzy ARMA Model for Rain Prediction in Surabaya. PhD Thesis. Surabaya: Postgraduate ITS; 2009.

If your references are from Paten:

- [21] Author1 A, Author2 B.. *Title (this should be in italics)*. Patent number (Patent). Year of publication.
- [22] Ahmad LP, Hooper A. *The Lower Switching Losses Method of Space Vector Modulation*. CN103045489 (Patent). 2007.

If your references are from Standards:

- [23] Name of Standard Body/Institution. Standard number. *Title (this should be in italics)*. Place of publication. Publisher. Year of publication.
- [24] IEEE Standards Association. 1076.3-2009. *IEEE Standard VHDL Synthesis Packages*. New York: IEEE Press; 2009.

If your references are from Reports

- [25] Author/Editor (if it is an editor/editors always put (ed./eds.) after the name). *Title (this should be in italics)*. Organisation. Report number: (this should be followed by the actual number in figures). Year of publication.
- [26] James S, Whales D. *The Framework of Electronic Goverment*. U.S. Dept. of Information Technology. Report number: 63. 2005.

Internet:

Avoid wherever possible

Note:

Please be sure to check for spelling and grammar before submitting your paper.