

Paper Template and Author Guidelines for Esensi Infokom Komputasi IBN Journal

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Abstract— This document gives formatting instructions for authors preparing papers for publication in the IBN journal. The authors must follow the instructions given in the document for the papers to be published. You can use this document as both an instruction set and as a template into which you can type your own text.

Abstract should be no longer than 400 words. It gives a brief summary of the content of the paper and point out the main objective, the methods employed, the results obtained and major conclusions.

Keywords— Include 5 – 6 keywords or phrases, keywords are separated by a comma.

Intisari— Dokumen ini merupakan format panduan bagi penulis untuk menulis makalah yang siap dipublikasikan dalam jurnal IBN. Para penulis harus mengikuti petunjuk yang diberikan dalam panduan ini. Anda dapat menggunakan dokumen ini baik sebagai petunjuk penulisan dan sebagai template di mana Anda dapat mengetik teks Anda sendiri.

Panjang intisari tidak boleh lebih dari 400 kata. Intisari memberikan rangkuman secara ringkas tentang isi paper, tujuan utama penelitian, metode yang digunakan, hasil yang diperoleh dan kesimpulan utama.

Kata kunci— Letakkan 5 – 6 kata kunci Anda di sini, kata kunci dipisahkan dengan koma.

I. INTRODUCTION

The Introduction section discusses the background of the problem, a brief literature review, and the purpose and objectives of the research.

II. BACKGROUND / LITERATURE REVIEW

This section provides a detailed explanation of the research background. Supporting theories are described here.

III. RESEARCH METHODOLOGY

Describe the type and method of research used, the research model applied, and the expected output.

IV. RESULTS AND DISCUSSION

Research results should be written clearly and concisely. The discussion should elaborate on the significance of the results, not merely repeat them. Avoid excessive citations and lengthy discussion of previously published literature.

V. CONCLUSION

The conclusion contains the main points of the article. It should not repeat what has been written in the Abstract, but rather discuss significant results, applications, and further development of the research. This section should also indicate whether the research objectives have been achieved.

The conclusion should be written in paragraph form. Avoid using bulleted lists.

ACKNOWLEDGMENTS

This section provides appreciation to individuals and organizations that have assisted the authors. Acknowledgments to sponsors and financial support are also included here.

REFERENCES

Include all references used. All papers/books listed in the reference section must be cited in the main paper, ordered according to IEEE standards, such as ...[1][2] etc. A minimum of ten (10) references should be cited, with 80% from primary sources. Primary references include journal articles, book chapters, patents, and conference/proceedings papers. Secondary references include textbooks and handbooks.

A. Paper Formatting

The paper size must conform to A4 page dimensions, i.e., 210 mm (8.27") wide and 297 mm (11.69") long. The margin settings are as follows:

- Top = 19 mm (0.75")
- Bottom = 43 mm (1.69")

- Left = Right = 14.32 mm (0.56")

The paper must be written in a two-column format with a spacing of 4.22 mm (0.17") between columns.

Paragraphs must be well-organized. All paragraphs must be fully justified, i.e., aligned on both the left and right margins.

B. Page Length

The paper submitted to the IBN journal should be between 6 and 10 pages. If the submission exceeds the page limit, it should be shortened accordingly.

C. Document Fonts

The entire document must be in Times New Roman or Times font. Type 3 fonts must not be used. Other font types may be used if necessary for specific purposes.

D. Title and Authors

The title must be in Regular 24 pt font. Author names must be in Regular 11 pt font. Author affiliations must be in Italic 10 pt. Email addresses must be in 9 pt Regular font.

The title and authors must be in single-column format and centered. Each word in the title must be capitalized except for articles ("the," "a," "an"), coordinating conjunctions ("and," "but," "for," "or," "nor"), and short prepositions of three letters or fewer ("in," "by," "of," "on"). Prepositions of more than three letters (e.g., "Before," "Through," "With," "Between") must be capitalized. Author names should not include titles of position (e.g., Supervisor), any academic degrees (e.g., Dr.), or membership in any professional organization (e.g., Senior Member IEEE).

To avoid confusion, the family name should be written at the end of each author name (e.g., John AK Smith). Each affiliation must include, at a minimum, the name of the company and the country where the author is based (e.g., Kausal Productions Pty Ltd, Australia).

An email address is mandatory for the corresponding author. The designation as corresponding author should be written after the email address.

E. Section Headings

There should be no more than 3 levels for headings. All text must be in 10 pt font. Each word in the heading title must be capitalized except for short words as listed in Section III-D.

1) *Heading Level 1:* Level 1 headings must be in Small Caps, centered, and numbered using uppercase Roman numerals. For example, see the heading "III. Results and Discussion" in this document. Unnumbered Level 1 headings are "Acknowledgments" and "References."

2) *Heading Level 2:* Level 2 headings must be italicized, left-aligned, and numbered using uppercase letters. For example, see the heading "E. Section Headings" above.

3) *Heading Level 3:* Level 3 headings must be indented, italicized, and numbered with Arabic numerals followed by a closing parenthesis. Level 3 headings must end with a colon. The text continues on the same line following the heading. For example, this paragraph begins with a Level 3 heading.

F. Figures and Figure Captions

Figures must be centered. Large figures may span both columns. Any figure spanning more than one column width must be positioned either at the top or bottom of the page. Figures should not have borders outside the figure area.

Color graphics are permitted. For color graphics, ensure sufficient contrast to distinguish between different lines. For black-and-white graphics, use different line styles (e.g., solid lines, dashed lines, dotted lines, etc.).

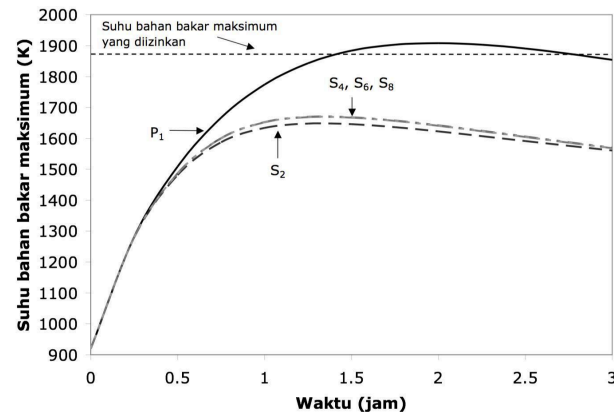


Figure 1. Example of a line graph using black and white. Note the labeling and units on both horizontal and vertical axes.

The labels on horizontal and vertical axes can often be confusing. Therefore, use words whenever possible, not just symbols. Provide units in parentheses, but do not write labels consisting only of units without adequate description. Examples of correct labels are "Temperature (K)" or "Temperature, Tmax (K)." Examples of incorrect labels are "Tmax" or "(K)".

Use consistent and uniform fonts in graphics. Recommended fonts are Times New Roman (or Times), Arial (or Helvetica), Symbol, and Courier. An example of a graph can be seen in Figure 1.

Ensure that the image resolution is sufficient to reveal important details in the figure. For images sourced from JPG files, ensure a resolution of 300 dpi. Figure 2 shows an example of a low-resolution image that does not meet requirements, while Figure 3 shows an example of an image with adequate resolution.

Figure captions are placed below the figure. Figure captions use 8 pt Regular font and are numbered using Arabic numerals. Single-line figure captions (e.g., Figure 2) are centered, while multi-line figure captions must be left-aligned (e.g., Figure 1). Figure captions with figure numbers must be placed according to relevant points, as shown in Figures 1–3, unless the figure exceeds one column in size.



Figure 2. Example of a low-resolution image



Figure 3. Example of an adequate-resolution image

A. Tables and Table Captions

Tables must be centered. Large tables may span both columns or be rotated vertically. Any table or figure spanning more than one column width must be positioned either at the top or bottom of the page.

Tables and table headings are written in 8 pt Regular font. Tables are numbered using uppercase Roman numerals. Each word in the table heading is capitalized except for short words as listed in Section III-D, and written in Small Caps. Table notes are placed before the relevant table. Table content is center-aligned. Note that tables should not contain vertical lines. An example of a table can be seen in Table I.

TABLE I
CONVERSION POTENTIAL OF SEVERAL RADIONUCLIDES

Nuclide	Neutron Energy		
	Thermal	Epithermal	Fast
Pu-239	1,09	0,9	1,9
U-233	1,20	1,3	1,5
U-235	1,07	0,8	1,3

G. Equations

Equations are center-aligned. Use Microsoft Equation Editor or MathType add-on. Do not copy and paste equations from other files in PDF or JPG format. Equation numbering is right-aligned using Arabic numerals in parentheses. An example of equation formatting can be seen in Equation (1) below.

$$\gamma = \frac{2\pi}{\lambda} \frac{n_2}{A} \quad (1)$$

Use the following sizes in Microsoft Equation Editor:

- Full : 10 pt
- Subscript/Superscript : 5 pt
- Sub-subscript/superscript : 3 pt
- Symbol : 16 pt
- Sub-symbol : 10 pt

H. Page Numbers, Headers, and Footers

Page numbers, headers, and footers are not used.

I. Hyperlinks and Bookmarks

All hypertext links and section bookmarks will be removed. If the paper needs to refer to an email address or URL in the article, the full address or URL must be written in regular font.

J. References

Every document/reference cited in this paper must be listed in this section.

The heading of the References section must not be numbered. All reference items are in 8 pt font. Please use Italic, Regular, and other styles to distinguish various fields as shown in the References section. Reference numbers must be written sequentially in square brackets (e.g., [1]). When referring to a reference item, use only the reference number, such as in [2]. Do not use "Ref. [3]" or "Reference [3]" except at the beginning of a sentence, e.g., "Reference [3] shows that...". Multiple references should be cited with separate brackets for each number (e.g., [2], [3], [4]–[6]). Several examples of reference items from different categories are shown in the References section, including:

- Example of a book in [1]
- Example of a book in a series in [2]
- Example of a journal article in [3]
- Example of a conference paper in [4]
- Example of a patent in [5]
- Example of a website in [6]
- Example of a web page in [7]
- Example of a databook manual in [8]
- Example of a datasheet in [9]
- Example of a master's thesis in [10]
- Example of a technical report in [11]
- Example of a standard in [12]

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