

## **A title should be the fewest possible words that accurately describe the content of the paper (Center, Bold, 16pt)**

**First Author<sup>1\*</sup>, Second Author<sup>2</sup>, Third Author<sup>3</sup> (11 pt)**

First Affiliation, City, Country (10 pt)

Second Affiliation, City, Country (10 pt)

Corresponding Author:

Corresponding Author Name, Affiliation, Address, City and Postcode, Country

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### **Abstract (11 pt)**

The abstract is a summary of the paper to aid readers quickly ascertaining the paper's purpose and relevance to their needs. The abstract should be clear and informative, stating the current issues and the solution. The length should be up to 250 words. Avoid uncommon abbreviations and define all symbols used in the abstract. Using keywords related to the topics of research is recommended.

**Keywords :** 3-5 words (each keyword separated by a comma)

## **1 INTRODUCTION (11 PT)**

The main text format consists of a flat left-right columns on A4 paper (210 x 297 mm). The margin text from the left and top are 2.5 cm, right and bottom are 2 cm. The manuscript is written in Microsoft Word, single space, Time New Roman 10 pt and maximum 12 pages, which can be downloaded at the website: <https://journal.universitasbumigora.ac.id/index.php/matrik>.

A title of article should be the fewest possible words that accurately describe the content of the paper. Omit all waste words such as "*A study of ...*", "*Investigations of ...*", "*Implementation of ...*", "*Observations on ...*", "*Effect of....*", "*Analysis of ...*", "*Design of...*" etc. Indexing and abstracting services depend on the accuracy of the title, extracting from it keywords useful in cross-referencing and computer searching. An improperly titled paper may never reach the audience for which it was intended, so be specific.

The Introduction should provide a clear background, a clear statement of the problem, the relevant literature on the subject, the proposed approach or solution, and the new value of research which it is innovation. It should be understandable to colleagues from a broad range of scientific disciplines. Organization and citation of the bibliography are made in IEEE style in sign [1, 2] and so on.

The terms in foreign languages are written italic (italic). The text should be divided into sections, each with a separate heading and numbered consecutively. The section/subsection headings should be typed on a separate line, e.g., **1. Introduction** [3]. Authors are suggested to present their articles in the section structure: **Introduction - the comprehensive theoretical basis and/or the Proposed Method/Algorithm - Research Method - Results and Discussion - Conclusion.**

Literature review that has been done author used in the chapter "Introduction" to explain the difference of the manuscript with other papers, that it is innovative, it are used in the chapter "Research Method" to describe the step of research and used in the chapter "Results and Discussion" to support the analysis of the results [2]. If the manuscript was written really have high originality, which proposed a new method or algorithm, the additional chapter after the "Introduction" chapter and before the "Research Method" chapter can be added to explain briefly the theory and/or the proposed method/algorithm [4].

## **2 RESEARCH METHOD (11 PT)**

Explaining research chronological, including research design, research procedure (in the form of algorithms, Pseudocode or other), how to test and data acquisition [1-3]. The description of the course of research should be supported references, so the explanation can be accepted scientifically [2, 4].

Tables and Figures are presented center, as shown below and cited in the manuscript.

Table 1. The Performance of ...<sup>\*</sup>

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

Explanation/description of the images displayed must be appropriate and relevant to the research image

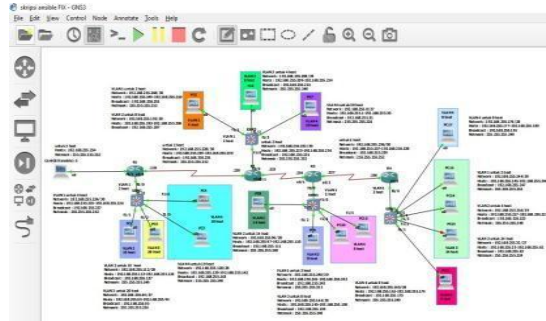


Figure 1. Effects of selecting different switching under dynamic condition

### 3 RESULTS AND ANALYSIS (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 [2, 5]. The discussion can be made in several sub-chapters.

#### 3.1. Sub section 1

Equations should be placed at the center of the line and provided consecutively with equation numbers in parentheses flushed to the right margin, as in (1). The use of Microsoft Equation Editor or Math Type is preferred.

$$E_v - E = \frac{h}{2.m} (k_x^2 + k_y^2) \quad (1)$$

All symbols that have not been mentioned in the equation should be explained in the following text.

#### 3.2. Sub section 2

Proper citation of other works should be made to avoid plagiarism. When referring to a reference item, please use the reference number as in [1] or [1, 3, 5, 6] for multiple references. The use of "Ref [5]..." should be employed for any reference citation at the beginning of sentence. For any reference with more than 3 or more authors, only the first author is to be written followed by et al (e.g. in [4]). Examples of reference items of different categories shown in the References section. Each items in the references section should be typed using 11 pt font size.

### 4 CONCLUSION (11 PT)

Provide a statement that what is expected, as stated in the "Introduction" chapter can ultimately result in "Results and Analysis" chapter, so there is compatibility. Moreover, 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 (11 PT)

The main references are international journal articles. All references must refer to the most relevant, current sources and the minimum reference is 15 articles. References written must use Mendeley in IEEE style. Please use a consistent format for reference - see example below (11 pt):

### References from Journal Articles

[##] Author, "The title of article," name of Journal, vol. , no , pp, year of publication.

Example

- [1] K. Marzuki, A. Setyanto and A. Nasiri. "Audit Tata Kelola Teknologi Informasi Menggunakan COBIT 4.1 Domain Monitoring Evaluasi pada Perguruan Tinggi Swasta, ", BITE: Journal Bumigora Information Teknologi, Vol. 3, No. 3, PP. 1-10, 2021

### References from Proceeding (seminars/workshops)

[##]Author, "Title of article", Seminar Name, Month, Volume, Page, Year

Example

- [4] R. Frinkel, R. Taylor, R. Bolles, R. Paul, "An overview of AL, programming system for automation," in Proc. Fourth Int. Join Conf Artif.Intel, July, Volume, No. . pp. 758-765, 2022

### References from books

Entire Book

[##] author, the title of book, edition (if any), Place of publication: Penerbit, Tahun terbit.

Example

- [2] P.M. Morse and H. Feshback, Methods of Theoretical Physic. New York: McGraw Hill, 1953.

Part of the book

[##]Author, "Chapter Title", Book Title, Edition (if any). Place of Publication: Publisher, Year, page.

Example

- [3] P.S. Meszaros, S.Lee and A. Laughlin, "Information processing and information technology career interest and choice among high school students," Reconfiguring the Firewall, Wellesley: A K Peters, 2007, 77-86.