

Utility accrual object distribution in MPSoC real-time embedded systems

(Left, Bold, Times New Roman 16, max 10 words in English/indonesia)

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ABSTRACT

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 informative and completely self-explanatory, provide a clear statement of the problem, the proposed approach or solution, and point out major findings and conclusions. The Abstract should be 100 to 150 words in length. The abstract should be written in the past tense. 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. **ABSTRAK DI TULIS BAHASA INGGRIS**

Keywords: maximum 5 keywords from paper

1. Introduction

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, single space, Arial 10pt and maximum 12 pages, which can be downloaded at the website: journals.usm.ac.id/index.php/transformatika.

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 [1-4].

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 [5].

Organization and citation of the bibliography are made in Vancouver style in sign [6, 7] and so on. The terms in foreign languages are written italic (italic). Authors are suggested to present their

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articles in the section structure: **Introduction - The Proposed Method/Algorithm (optional) - Research Method - Results and Discussion – Conclusion** [8-11].

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 proposed method or algorithm [9-11].

2. Research Method

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

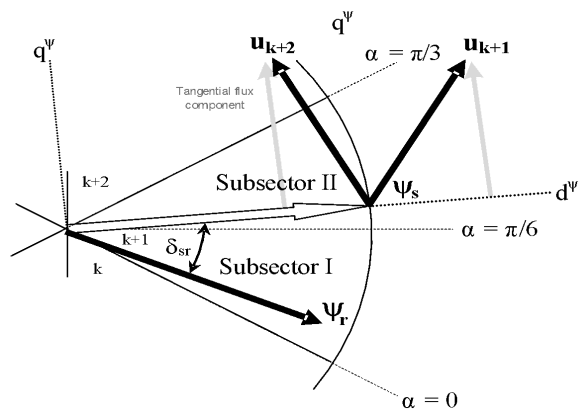


Figure 1. Effects of selecting different switching under dynamic condition

3. Results and Analysis

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 Bab 1

xx

3.2. Sub Bab 2

yy

4. Conclusion

Provide a statement that what is expected, as stated in the "Introduction" chapter can ultimately result in "Results and Discussion" 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

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:

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- [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*)

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- [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:

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- [21] Author1 A, Author2 B.. *Title (this should be in italics)*. Patent number (Patent). Year of publication.
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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.

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- [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.

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