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ABSTRACT (10 PT)

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Please write the problem (2-3 sentences),

Solution (1-2 sentences),

Research contribution (1-2 sentences),

Method (2-3 sentences),

Result (4-8 sentences) and

Conclusion (1-2 sentences).

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1. INTRODUCTION (10 PT)

Articles are written in English and must be a minimum of 8 pages and maximum of 12 pages. The main text format consists of a flat left-right columns on A4 paper (quarto). The margin text from the left and top are 2.5 cm, right and bottom are 2 cm. This template, modified in MS Word 2007 and saved as a "Word 97-2003 Document" for the PC, provides authors with most of the formatting specifications needed for preparing electronic versions of their papers. All standard paper components have been specified for three reasons: (1) ease of use when formatting individual papers, (2) automatic compliance to electronic requirements that facilitate the concurrent or later production of electronic products, and (3) conformity of style throughout a conference proceeding. Margins, column widths, line spacing, and type styles are built-in; examples of the type styles are provided throughout this document and are identified in italic type, within parentheses, following the example. Some components, such as multi-leveled equations, graphics, and tables are not prescribed, although the various table text styles are provided. The formatter will need to create these components, incorporating the applicable criteria that follow

The following information should be included in the Introduction section: **i) a clear background; ii) a clear definition of the problem; iii) the pertinent literature on the topic; iv) the suggested method or solution; and v) the new value of research, which is innovation (novelty).** It need to be comprehensible to peers across numerous scientific fields.

A full article usually follows a standard structure: **1. Introduction, 2. Method, 3. The Comprehensive Theoretical Basis and/or the Proposed Method/Algorithm, 4. Results and Discussion, and 5. Conclusion.** The structure is well-known as **IMRaD** style.

The author's literature review is used in the "INTRODUCTION" section to explain how the manuscript differs from previous papers and how it is innovative. It is also used in the "METHOD" section to describe the research step and in the "RESULTS AND DISCUSSION" section to support the analysis of the results

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[2]. A brief explanation of the theory and/or the suggested technique/algorithm can be included in the extra part that comes after the "INTRODUCTION" section and before the "METHOD" section if the manuscript was produced with a high degree of originality and presented a novel method or algorithm [4].

At the end of the introduction section, the author needs to add a paragraph explaining the structure of the article. Example: This study explains MPA in the Method section. Section 3 shows the proposed control design and section 4 reveals a simulation result and discussion. The conclusion is disclosed in the last section.

2. METHOD (10 PT)

Research design, methodology (using algorithms, pseudocode, or other forms), testing techniques, and data collection are all explained chronologically. To ensure that the explanation is recognized by science, the research description needs to be supported by references. Each table and figure is mentioned in the paragraph. Example: according to Figure 1, the dc motor has 2 component block. The discussion can be made in several sub-sections.

2.1. Sub section 1

The equation format follows the rules as in the example: Eq. 1 and Eq. 2

$$FP_i = \{X_i | k \in \{1, 2, \dots, N\} \wedge F_k < F_i\} \cup \{X_{best}\} \quad (1)$$

$$X_{ij}^{PI} = x_{ij} + r_{ij} \cdot (SF_{ij} - I_{ij} \cdot x_{ij}) \quad (2)$$

2.2.1. Subsub section 1

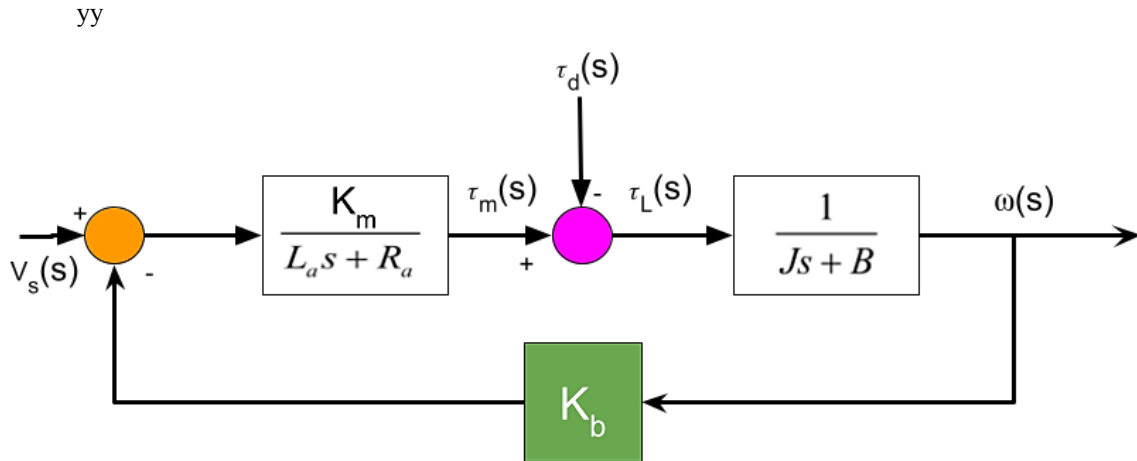


Figure 1. The DC motor schematic

Table 1. Output DC motor with PID

Controller	Overshoot	Rise time	Settling time	ITSE
PID-STSA	1.0027	0.1774	0.2841	0.2905
PID-MGO	1.003	0.1777	0.2845	0.2909
PID-MMGO	1.0026	0.1775	0.2841	0.2904

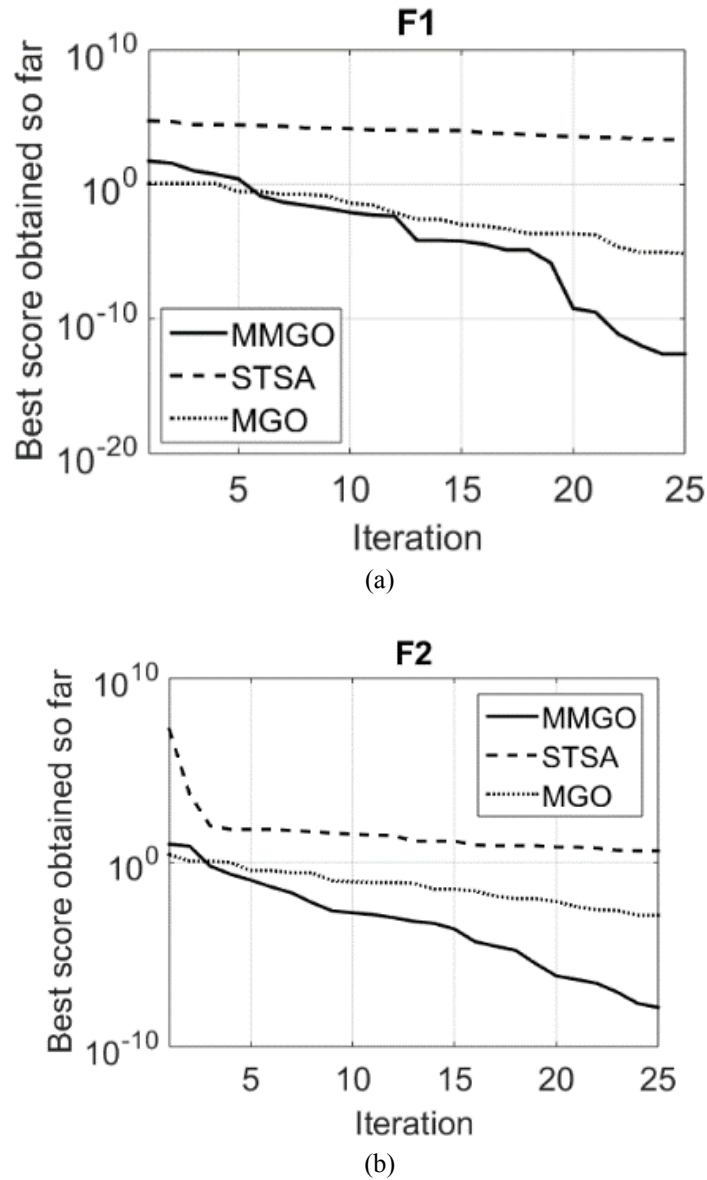


Figure 2. Convergence curve of benchmark function: (a) F1, (b) F2

3. RESULTS AND DISCUSSION (10 PT)

This section presents the results and validation of the experiments along with a detailed discussion. Tables and figures are explained in paragraphs. The author needs to add more detailed analysis. Authors need to adjust the use of equations based on the journal template.

4. CONCLUSION AND LIMITATION (10 PT)

In this section, the author explains as stated in the "INTRODUCTION" section which ultimately leads to the "RESULTS AND DISCUSSION" section, so there is a connection. Apart from that, the author can add limitations and prospects for future research development (based on the results and discussion).

ACKNOWLEDGEMENTS (10 PT)

Author thanks In most cases, sponsor and financial support acknowledgments.

REFERENCES (9 PT)

The main references are international journals and proceedings. At least 40 references are expected, mainly 80% for international journal papers indexed by **Scopus and Science Direct**, 30% international proceedings and **have to cite minimal 1 journal paper from VUBETA**. All references must come from the most relevant and up-to-date sources (**maximum 3 years from article submission**, for example if the journal is submitted in 2024. Maximum references used are 2021). References are written in IEEE style. Use tools such as EndNote, Mendeley, or Zotero for reference management and formatting, and select **IEEE style**. **The self-citation limit is 3 articles** and the template will number citations consecutively within brackets [1].

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BIOGRAPHIES OF AUTHORS (10 PT)

The recommended number of authors is at least 2. One of them as a corresponding author.

Please attach clear photo (3x4 cm) and vita. Example of biographies of authors (9 pt):

	Widi Aribowo     is a lecturer in the Department of Electrical Engineering, Universitas Negeri Surabaya, Indonesia. He is received the BSc from the Sepuluh Nopember Institute of Technology (ITS) in Power Engineering, Surabaya in 2005. He is received the M.Eng from the Sepuluh Nopember Institute of Technology (ITS) in Power Engineering, Surabaya in 2009. He is mainly research in the power system and control. He can be contacted at email: widiaribowo@unesa.ac.id.
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