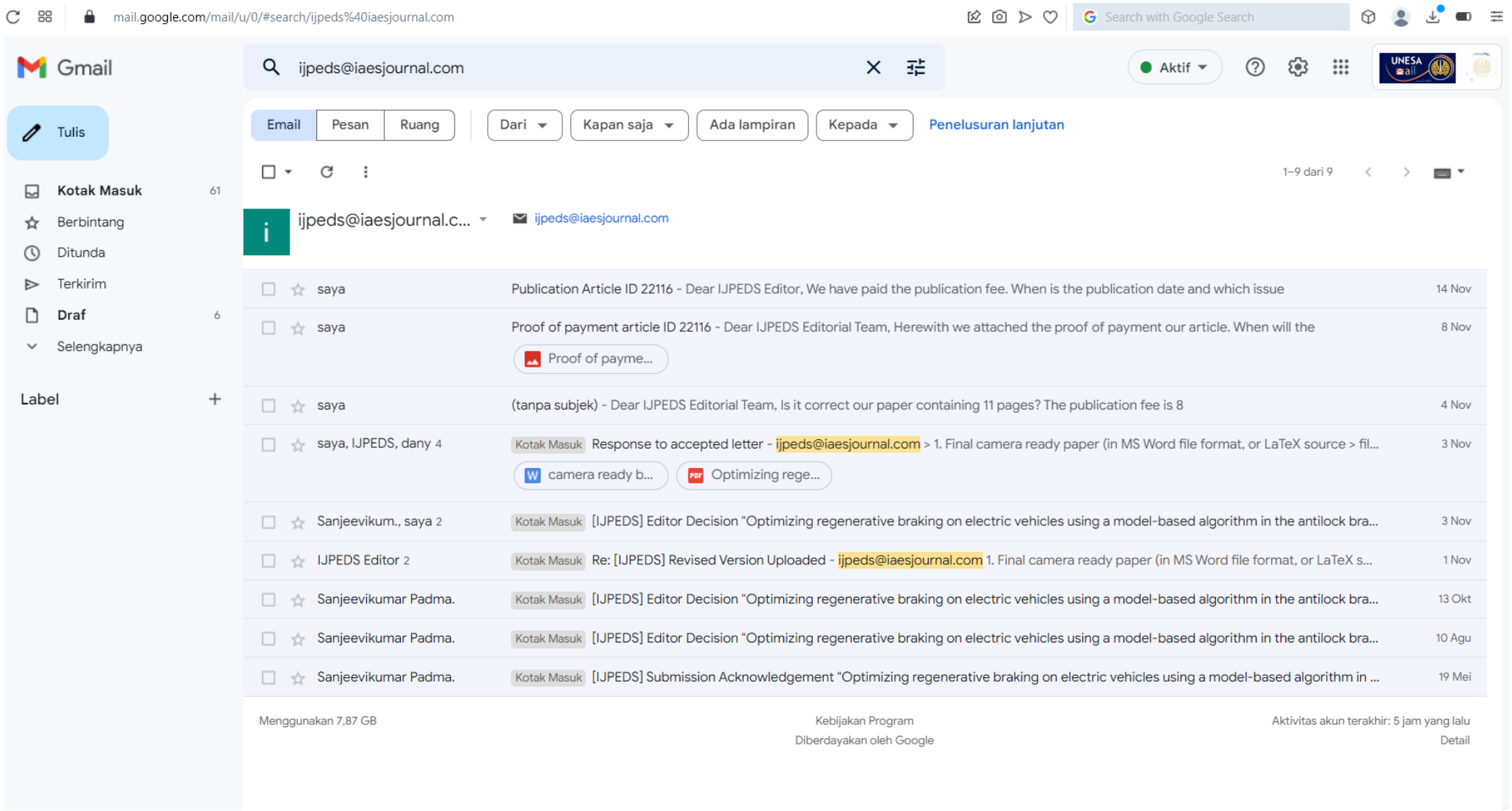
IJPEDS Journal Sequence Email Start 19 Mei 2022 to 14 Nov 2022



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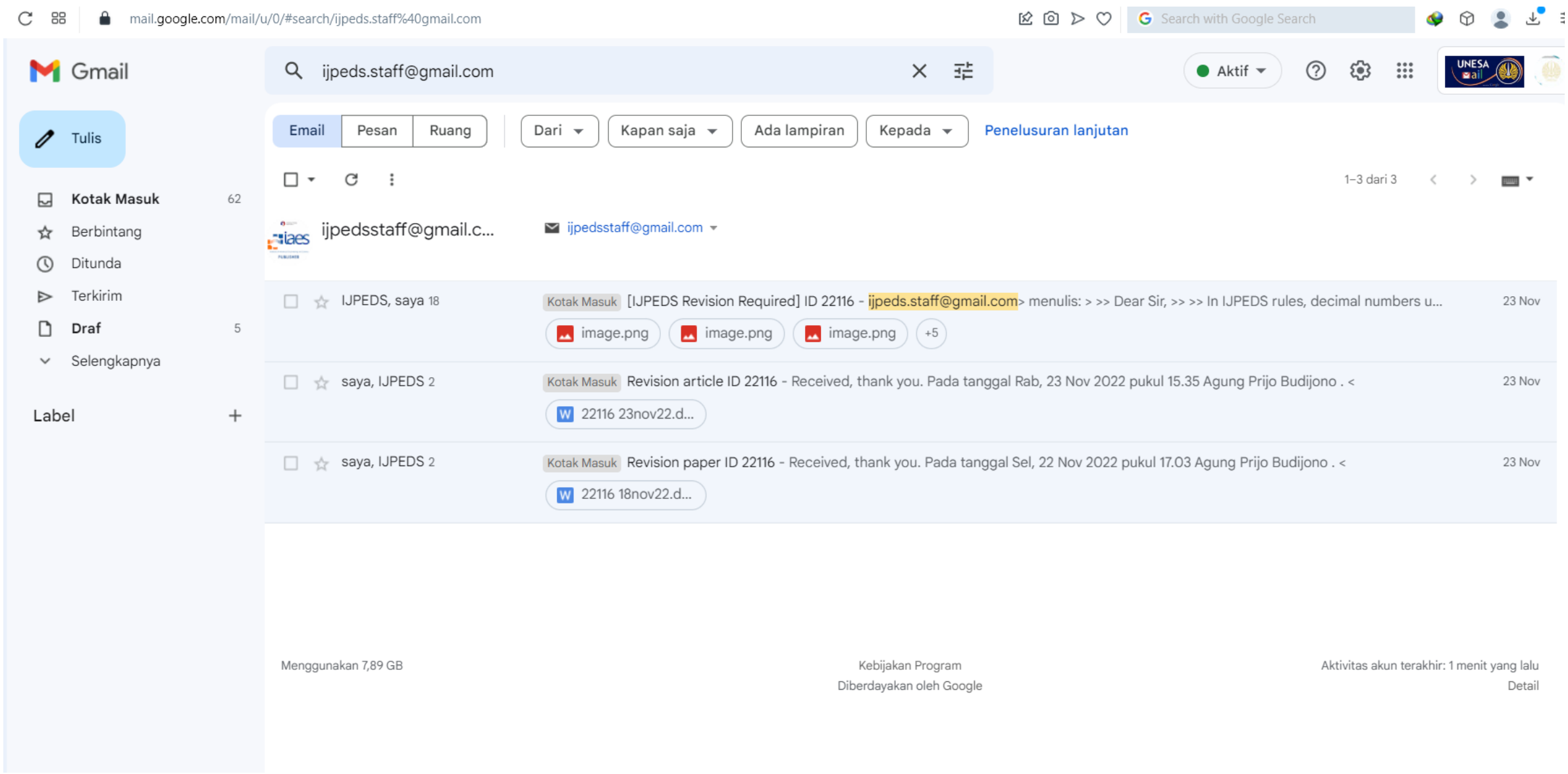

[IJPEDS] Submission Acknowledgement "Optimizing regenerative braking on electric vehicles using a model-based algorithm in the antilock braking system" Eksternal Kotak Masuk

Sanjeevikumar Padmanaban ijpeds@iaesjournal.com lewat smtpcorp.com Kam, 19 Mei 19.32

kepada saya

Inggris > Indonesia Terjemahkan pesan Nonaktifkan untuk: Inggris

The following message is being delivered on behalf of International Journal of Power Electronics and Drive Systems (IJPEDS).

Dear Prof/Dr/Mr/Mrs: Agung Prijo Budijono,

Thank you for submitting the manuscript, "Optimizing regenerative braking on electric vehicles using a model-based algorithm in the antilock braking system" to International Journal of Power Electronics and Drive Systems (IJPEDS), a Scopus/ScimagoJR indexed journal. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

Manuscript URL:
https://ijpeds.iaescore.com/index.php/IJPEDS/author/submission/22116
Username: agung_1969

Your paper ID is number the above URL
If you have any questions, please contact me. Thank you for considering this journal as a venue for your work.

Best Regards,
Sanjeevikumar Padmanaban
International Journal of Power Electronics and Drive Systems (IJPEDS)

Checklist for preparing your paper for publication
---
1. Is your manuscript written in IAES format (http://iaescore.com/gfa/ijpeds.docx)? At this stage, it is not that essential that you follow every detail of IAES format. Please try to follow the format as closely as possible.
2. is your title adequate and is your abstract correctly written? The title of paper is max 10 words, without Acronym or abbreviation. The Abstract (MAX 200 WORDS) should be informative and completely self-explanatory (no citation in abstract), provide a clear statement of the problem, the

proposed approach or solution, and point out major findings and conclusions.
3. Authors are suggested to present their articles in the sections structure: Introduction - The Proposed Method/Algorithm/Procedure specifically designed (optional) - Research Method - Results and Discussion – Conclusion. Authors may present complex proofs of theorems or non-obvious proofs of correctness of algorithms after introduction section (obvious theorems & straightforward proofs of existing theorems are NOT needed).
4. Introduction section: explain the context of the study and state the precise objective. An Introduction should contain the following three parts:
- Background: Authors have to make clear what the context is. Ideally, authors should give an idea of the state-of-the art of the field the report is about.
- The Problem: If there was no problem, there would be no reason for writing a manuscript, and definitely no reason for reading it. So, please tell readers why they should proceed reading. Experience shows that for this part a few lines are often sufficient.
- The Proposed Solution: Now and only now! - authors may outline the contribution of the manuscript. Here authors have to make sure readers point out what are the novel aspects of authors work.

Authors should place the paper in proper context by citing relevant papers. At least, 5 references (recently journal articles) are used in this section.
5. Method section: the presentation of the experimental methods should be clear and complete in every detail facilitating reproducibility by other scientists.
6. Results and discussion section: The presentation of results should be simple and straightforward in style. This section report the most important findings, including results of statistical analyses as appropriate and comparisons to other research results. Results given in figures should not be repeated in tables. This is where the author(s) should explain in words what he/she/they discovered in the research. It should be clearly laid out and in a logical sequence. This section should be supported suitable references.
7. Conclusion section: Summarize sentences the primary outcomes of the study in a paragraph. Are the claims in this section supported by the results, do they seem reasonable? Have the authors indicated how the results relate to expectations and to earlier research? Does the article support or contradict previous theories? Does the conclusion explain how the research has moved the body of scientific knowledge forward?
8. Language. If an article is poorly written due to grammatical errors, while it may make it more difficult to understand the science.
9. Please be sure that the manuscript is up to date. It is expected that 10 to 20% of references are to recent papers.

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12. Figures and Tables. Relation of Tables or Figures and Text: Because tables and figures supplement the text, all tables and figures should be referenced in the text. Authors also must explain what the reader should look for when using the table or figure. Focus only on the important point the reader should draw from them, and leave the details for the reader to examine on her own.

Figures:

a. All figures appearing in article must be numbered in the order that they appear in the text.
b. Each figure must have a caption fully explaining the content
c. Figure captions are presented as a paragraph starting with the figure number i.e. Figure 1, Figure 2, etc.
d. Figure captions appear below the figure
e. Each figure must be fully cited if taken from another article
f. all figures must be referred to in the body of the article

Tables:

a. Material that is tabular in nature must appear in a numbered captioned table.
b. All tables appearing in article must be numbered in the order that they appear in the text.
c. Each table must have a caption fully explaining the content with the table number i.e. Table 1, Table 2, etc.
d. Each column must have a clear and concise heading
e. Tables are to be presented with single horizontal line under: the table caption, the column headings and at the end of the table.
f. All tables must be referred to in the body of the article
g. Each table must be fully cited if taken from another article

13. Each citation should be written in the order of appearance in the text in square brackets. For example, the first citation [1], the second citation [2], and the third and fourth citations [3,4]. When citing multiple sources at once, the preferred method is to list each number separately, in its own brackets, using a comma or dash between numbers, as such: [1], [3], [5] or [4-8]. It is not necessary to mention an author's name, pages used, or date of publication in the in-text citation. Instead, refer to the source with a number in a square bracket, e.g. [9], that will then correspond to the full citation in your reference list. Examples of in-text citations:

> This theory was first put forward in 1970 [9]."
> Sutikno [10] has argued that...
> Several recent studies [7], [9], [11-15] have suggested that....
> ...end of the line for my research [16].

14. Please be aware that for the final submission of regular paper you will be asked to tailor your paper so the last page is not half empty.

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[IJPEDS] Editor Decision "Optimizing regenerative braking on electric vehicles using a model-based algorithm in the antilock braking system" Eksternal Kotak Masuk

Sanjeevikumar Padmanaban ijpeds@iaesjournal.com lewat smtpcorp.com
kepada saya

Rab, 10 Agu 23.09

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-- Paper ID# 22116
-- ORIGINAL RESEARCH PAPER: minimum 25 references & REVIEW PAPERS: minimum 40 references
-- IJPEDS GFA & Template (MS Word version):
https://iaescore.com/gfa/ijpeds.docx
-- IJPEDS GFA & Template (LaTeX version):
https://iaescore.com/gfa/ijpeds.rar
==========

Dear Prof/Dr/Mr/Mrs Agung Prijo Budijono,

We have reached a decision regarding your submission entitled "Optimizing regenerative braking on electric vehicles using a model-based algorithm in the antilock braking system" to International Journal of Power Electronics and Drive Systems (IJPEDS), a SCOPUS indexed Journal, Scimago Journal Ranking (SJR): 0.346, CiteScore: 3.3, and SNIP: 0.638.

Our decision is: Revisions Required
The presentation of the simulation and/or experimental setup (in the Method section) must be clear and complete in every detail, facilitating reproducibility by other scientists. Present a picture of your simulation and/or experimental setup and describe your work clearly. The goal of your revised paper is to describe novel technical results. Please prepare your revised paper within eight (8) weeks. Read the checklist for preparing your revised paper for publication at:
https://ijpeds.iaescore.com/index.php/IJPEDS/about/editorialPolicies#custom-4.
Please try to follow the format as closely as possible.

Please submit your revised paper in MS Word file format (zip of your LATEX source files if you presented your paper in LATEX) and submit it through our online system at the same ID number (NOT as a new submission) or simply by

replying to this email (ONLY if you have problems).

I look forward for hearing from you

Thank you

Best Regards,
Prof. Dr. Sanjeevikumar Padmanaban
Aarhus University, Herning
ijpeds@iaesjournal.com

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1). PLEASE ADHERE STRICTLY THE GUIDE OF AUTHORS
http://iaescore.com/gfa/ijpeds.docx (Use this file as your paper template!!)

2). It is mandatory to present your final paper according to "IMRADC style" format, i.e.:

1. INTRODUCTION
2. The Proposed Method/Algorithm/Procedure specifically designed (optional)
3. METHOD
4. RESULTS AND DISCUSSION
5. CONCLUSION

See http://iaescore.com/gfa/ijpeds.docx

3). Add biographies of authors as our template (include links to the 4 authors' profiles, do not delete any icons in the template). Provide links for all authors to the 4 icons (Scholar, Scopus, Publons and ORCID). It is mandatory!!

4). Prepare all your tables strictly adhere the guidelines (NOT as figure)

5). Use different PATTERNS for presenting different results in your figures/graphics (instead of different colors). It is mandatory!!

6). Please ensure that all references have been cited in your text. Use a tool such as EndNote, Mendeley, or Zotero for reference management and formatting, and choose IEEE style. Each citation should be written in the order of appearance in the text in square brackets. For example, the first citation [1], the second citation [2], and the third and fourth citations [3], [4]. When citing multiple sources at once, the preferred method is to

list each number separately, in its own brackets, using a comma or dash between numbers, as such: [1], [3], [5]. It is not necessary to mention an author's name, pages used, or date of publication in the in-text citation. Instead, refer to the source with a number in a square bracket, e.g. [9], that will then correspond to the full citation in your reference list.
Examples of in-text citations:

This theory was first put forward in 1970 [9].

Blaabjerg [10] has argued that ...

Several recent studies [7], [9], [11]-[15] have suggested that....

... end of the line for my research [16].

We usually expect a minimum of 2n+9 references (for original research paper) and 4n+18 (for review/survey paper) primarily to journal articles, where n=page length of your papers (in simple words for 8 pages, number of references are min 25 for research papers, and 50 entries for review/study papers). Citations of textbooks should be used very rarely and citations to web pages should be avoided. All cited papers should be referenced within the text of the manuscript.

7). Please present all references as complete as possible and use IEEE style (include information of DOIs, volume, number, pages, etc). If it is available, DOI information is mandatory!! See http://iaescore.com/gfa/ijpeds.docx

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(1) Introduction section: explain the context of the study and state the precise objective. Introduction section should be presented in 3-6 paragraphs. An Introduction should cover the following three (3) parts:

- Background: Authors have to make clear what the context is. Ideally, authors should give an idea of the state-of-the art of the field the report is about.
- The Problem: If there was no problem, there would be no reason for writing a manuscript, and definitely no reason for reading it. So, please tell readers why they should proceed reading. Experience shows that for this part a few lines are often sufficient.
- The Proposed Solution: Now and only now! - authors may outline the contribution of the manuscript. Here authors have to make sure readers point out what are the novel aspects of authors' work. Authors should place the paper in proper context by citing relevant papers. At least 10 references (recent journal articles) are referenced to support this section.

(2) Conclusion section: Summarize sentences the primary outcomes of the

study in a paragraph. Are the claims in this section supported by the results, do they seem reasonable? Have the authors indicated how the results relate to expectations and to earlier research? Does the article support or contradict previous theories? Does the conclusion explain how the research has moved the body of scientific knowledge forward?

(3) About Figures & Tables in your manuscript:
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- Tables are to be presented with a single horizontal line under: the table caption, the column headings and at the end of the table. All tables are produced by creating tables in MS Word. Captured tables are NOT allowed.
- All figures MUST be presented in high quality images.

Reviewer A:

Does the title of the paper accurately reflect the major focus contribution of this paper?:

Yes

If No, Please suggest change of the title as appropriate:

Is the abstract an appropriate and adequate digest of the work?:

Yes

Is the paper clear, concise, and well organized?:

Yes

Rate of the contribution strength to the field is represented in this paper:

Good

Rate the scientific quality of the paper?:

Good

As far as your knowledge, have the authors already published a very similar paper?:

No

If yes, kindly please cite below:

Do authors place the paper in proper context by citing relevant papers?:
Yes

Is the paper free from obvious errors, misconceptions, or ambiguity?:
Yes

Is the paper written in correct English?:
Yes

If No, please note grammatical errors and suggest corrections:

Are the references in IJPEDS style?:
Yes

Are the figures and tables in IJPEDS style, clear, relevant, and are the captions adequate?:
No

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Yes

Please mark appropriate scale for the overall grade for this paper? (A score of 7 or above typically provides ground for IJPEDS acceptance):
7

Reviewer's comments and suggestions to improve the paper. (If it is not possible, kindly please use separate sheets or a copy of the paper for comments and suggestions for revision. Indicate whether revisions are mandatory or suggested. Please use word processing type format if possible, and then upload or submit via email to ijpeds@iaesjournal.com):

Graphs or charts with legends are required to be in black and white format. In Figures 5 to 9, distinguish scale by pattern instead of color.

Reviewer B:

Does the title of the paper accurately reflect the major focus contribution of this paper?:

Yes

If No, Please suggest change of the title as appropriate:

Is the abstract an appropriate and adequate digest of the work?:

Yes

Is the paper clear, concise, and well organized?:

Yes

Rate of the contribution strength to the field is represented in this paper:

Good

Rate the scientific quality of the paper?:

Average

As far as your knowledge, have the authors already published a very similar paper?:

No

If yes, kindly please cite below:

Do authors place the paper in proper context by citing relevant papers?:

Yes

Is the paper free from obvious errors, misconceptions, or ambiguity?:

Yes

Is the paper written in correct English?:

No

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ABSTRACT

The regenerative braking effectiveness of electric vehicles (EVs), with 8 - 25% range, requires designers to produce better braking systems. The antilock braking system (ABS) was chosen because it offers various advantages, such as enhanced safety considerations, vehicle maneuverability, and so on. The measurement findings revealed that ABS took longer to stop

the wheels with the same wheel rotation speed. Because of the lesser differentiation of magnetic flux to time, it created lower induced emf in the generator. ABS 50 Hz performance was 19.5% at 4500 pm, whereas hydraulic brake performance was 21% at the same speed. ABS used model-based algorithms (MBAs) to boost the friction frequency with the wheels from 10 to 50 Hz. As the frequency increased, the ABS graph approached the hydraulic graph, and the ABS performance improved. Although ABS loses to hydraulics in stopping wheel rotation, it gains in saved energy and battery temperature. Longer wheel stop times allow the rotational kinetic energy of the wheel more time to be converted into electricity.

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Is the length of the paper adequate?:

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INTRODUCTION

Electric vehicles (EVs) are a viable option for reducing air pollution and fuel consumption caused by combustion engines [1]. EVs are also more efficient than combustion engines since they recuperate energy during operation. Regenerative braking is one method of restoring [2]. Regenerative braking uses kinetic energy from the braking process, in which the wheels continue to rotate even after braking has been applied. This kinetic energy is turned into electrical energy, which is then stored in batteries. As a result, regenerative braking is constrained by vehicle speed and battery state of charge (SOC) [3]. Allocating braking torque also takes into account

vehicle stability and energy recovery to the greatest extent practicable [4].

Many lives have been lost as a result of automobile accidents on the highway caused by braking. The antilock brake system (ABS) and the traction control system (TCS) may both be modified on the vehicle's dynamic control [5]. ABS gives a vehicle stability solution. During the braking procedure, the driver retains control of the car. ABS is consistent because it uses an algorithm to control hydraulic pressure in the brakes, which is classified into two types: Model-Based Algorithms (MBAs) and Rule-Based Algorithms (RBAs) [6]. The MBA mathematically models the braking process and necessitates a significant amount of data input. It is more precise. Meanwhile, RBA bases its algorithm on the control action's essential factors. It is less complicated.

In this study, we used powertrain components (induction motor, generator, and battery) to model the application of regenerative braking in EVs. Accuracy in powertrain component location will improve the vehicle's NVH (Noise, Vibration, and Harshness) behavior [7]. To provide the same torque, the induction motor rotated the driving wheel (DW) through the pulley in a one-to-one ratio. Because the gears had a two-to-one ratio, the energy collected (ECW) shaft had twice the speed of the DW axle, as indicated in Figure 1. The different axles enabled more steady rotation [8], while the double speed meant greater fluxes for the generator [9]. Section 2 of the paper describes how regenerative braking works on the Antilock Braking System (ABS). Section 3 covers the components of this study's regenerative braking mechanism. Section 4 presents the results of the measurements and speed computations. Section 5 concludes with the optimum regenerative braking conclusion.

In order to demonstrate precisely what is unique about their research, the authors need to provide a comprehensive literature review. In point of fact, I would appreciate a lucid discussion on the existing body of literature in contrast to the original contribution made by the work. I recommend conducting research on the following papers and cite them.
- https://doi.org/10.11591/ijeecs.v27.i1.pp71-78
- https://doi.org/10.12928/TELKOMNIKA.v20i3.19525
- https://doi.org/10.11591/ijece.v12i3.pp3051-3060
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Authors are suggested to present their articles in the structure of the section: 1. Introduction - 2. The Proposed Method/Algorithm/Procedure specifically designed (optional) - 3. Research Method - 4. Results and Discussion – 5. Conclusion. Authors may present complex proofs of theorems or non-obvious proofs of correctness of algorithms after the introduction section (obvious theorems & straightforward proofs of existing theorems are NOT needed).

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-- ORIGINAL RESEARCH PAPER: minimum 25 references & REVIEW PAPERS: minimum 40 references
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Dear Prof/Dr/Mr/Mrs Agung Prijo Budijono,

We have reached a decision regarding your submission entitled "Optimizing regenerative braking on electric vehicles using a model-based algorithm in the antilock braking system" to International Journal of Power Electronics and Drive Systems (IJPEDS), a SCOPUS indexed Journal, Scimago Journal Ranking (SJR): 0.346, CiteScore: 3.3, and SNIP: 0.638.

Our decision is: Revisions Required
All authors MUST have ORCID ID. The presentation of the simulation and/or experimental setup (in the Method section) must be clear and complete in every detail, facilitating reproducibility by other scientists. Present a picture of your simulation and/or experimental setup and describe your work clearly. The goal of your revised paper is to describe novel technical results. Please prepare your revised paper within eight (8) weeks. Read the checklist for preparing your revised paper for publication at: https://ijpeds.iaescore.com/index.php/IJPEDS/about/editorialPolicies#custom-4. Please try to follow the format as closely as possible.

Please submit your revised paper in MS Word file format (zip of your LATEX source files if you presented your paper in LATEX) and submit it through our online system at the same ID number (NOT as a new submission) or simply by

replying to this email (ONLY if you have problems).

I look forward for hearing from you

Thank you

Best Regards,
Prof. Dr. Sanjeevikumar Padmanaban
Aarhus University, Herning
ijpeds@iaesjournal.com

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2. The Proposed Method/Algorithm/Procedure specifically designed (optional)
3. METHOD
4. RESULTS AND DISCUSSION
5. CONCLUSION

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3). Add biographies of authors as our template (include links to the 4 authors' profiles, do not delete any icons in the template). Provide links for all authors to the 4 icons (Scholar, Scopus, Publons and ORCID). It is mandatory!!

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We usually expect a minimum of 2n+9 references (for original research paper) and 4n+18 (for review/survey paper) primarily to journal articles, where n=page length of your papers (in simple words for 8 pages, number of references are min 25 for research papers, and 50 entries for review/study papers). Citations of textbooks should be used very rarely and citations to web pages should be avoided. All cited papers should be referenced within the text of the manuscript.

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(1) Introduction section: explain the context of the study and state the precise objective. Introduction section should be presented in 3-6 paragraphs. An Introduction should cover the following three (3) parts:

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- The Problem: If there was no problem, there would be no reason for writing a manuscript, and definitely no reason for reading it. So, please tell readers why they should proceed reading. Experience shows that for this part a few lines are often sufficient.
- The Proposed Solution: Now and only now! - authors may outline the contribution of the manuscript. Here authors have to make sure readers point out what are the novel aspects of authors' work. Authors should place the paper in proper context by citing relevant papers. At least 10 references (recent journal articles) are referenced to support this section.

(2) Conclusion section: Summarize sentences the primary outcomes of the

study in a paragraph. Are the claims in this section supported by the results, do they seem reasonable? Have the authors indicated how the results relate to expectations and to earlier research? Does the article support or contradict previous theories? Does the conclusion explain how the research has moved the body of scientific knowledge forward?

(3) About Figures & Tables in your manuscript:
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- Tables are to be presented with a single horizontal line under: the table caption, the column headings and at the end of the table. All tables are produced by creating tables in MS Word. Captured tables are NOT allowed.
- All figures MUST be presented in high quality images.

The following template should be used for responses to reviewers:

I would like to thank the reviewers for their insightful feedback. All comments from Reviewer 1 are highlighted in yellow, those from Reviewer 2 are highlighted in red, and those from Reviewer 3 are highlighted in green.

Reviewer 1

Comment 1: There are some references that are not required.
Response: We thoroughly updated our references; 5 references were eliminated, and two were replaced by more recent publications.

Comment 2: The presentation of Figures 2 and 3 should be improved.
Response: The necessary adjustments have been made.

Comment 3: Equation (2) seems to be incorrect.
Response: Equation (2) is correct. This can be proven as follows:...
In order to clarify equation 9 in the manuscript, the following remarks have been added... etc.

All changes for reviewer 1 are highlighted in yellow in the main text.

Reviewer 2

Comment 1:
Response:

Comment 2:
Response:

Comment 3:
Response:

All changes for reviewer 2 are highlighted in red in the main text.

Etc.

Such a document clarifies everything and will aid the reviewers in evaluating the work fast.
When providing your amended primary document files, you must also upload your corrections statement. Before your manuscript, the declaration of revisions should appear.

Reviewer J:

Does the title of the paper accurately reflect the major focus contribution of this paper?:
Yes

If No, Please suggest change of the title as appropriate:

Is the abstract an appropriate and adequate digest of the work?:
Yes

Is the paper clear, concise, and well organized?:
Yes

Rate of the contribution strength to the field is represented in this paper:

Good

Rate the scientific quality of the paper?:
Good

As far as your knowledge, have the authors already published a very similar paper?:

No

If yes, kindly please cite below:

Do authors place the paper in proper context by citing relevant papers?:
Yes

Is the paper free from obvious errors, misconceptions, or ambiguity?:
Yes

Is the paper written in correct English?:
Yes

If No, please note grammatical errors and suggest corrections:

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ABSTRACT

The regenerative braking effectiveness of electric vehicles (EVs), with 8 - 25% range, requires designers to produce better braking systems. The antilock braking system (ABS) was chosen because it offers various advantages, such as enhanced safety considerations, vehicle maneuverability, and so on. The measurement findings revealed that ABS took longer to stop the wheels with the same wheel rotation speed. Because of the lesser

differentiation of magnetic flux to time, it created lower induced emf in the generator. ABS 50 Hz performance was 19.5% at 4500 pm, whereas hydraulic brake performance was 21% at the same speed. ABS used model-based algorithms (MBAs) to boost the friction frequency with the wheels from 10 to 50 Hz. As the frequency increased, the ABS graph approached the hydraulic graph, and the ABS performance improved. Although ABS loses to hydraulics in stopping wheel rotation, it gains in saved energy and battery temperature. Longer wheel stop times allow the rotational kinetic energy of the wheel more time to be converted into electricity.

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INTRODUCTION

Electric vehicles (EVs) are a viable option for reducing air pollution and fuel consumption caused by combustion engines [1]. EVs are also more efficient than combustion engines since they recuperate energy during operation. Regenerative braking is one method of restoring [2]. Regenerative braking uses kinetic energy from the braking process, in which the wheels continue to rotate even after braking has been applied. This kinetic energy is turned into electrical energy, which is then stored in batteries. As a result, regenerative braking is constrained by vehicle speed and battery state of charge (SOC) [3]. Allocating braking torque also takes into account vehicle stability and energy recovery to the greatest extent practicable [4].

Many lives have been lost as a result of automobile accidents on the highway

caused by braking. The antilock brake system (ABS) and the traction control system (TCS) may both be modified on the vehicle's dynamic control [5]. ABS gives a vehicle stability solution. During the braking procedure, the driver retains control of the car. ABS is consistent because it uses an algorithm to control hydraulic pressure in the brakes, which is classified into two types: Model-Based Algorithms (MBAs) and Rule-Based Algorithms (RBAs) [6]. The MBA mathematically models the braking process and necessitates a significant amount of data input. It is more precise. Meanwhile, RBA bases its algorithm on the control action's essential factors. It is less complicated.

In this study, we used powertrain components (induction motor, generator, and battery) to model the application of regenerative braking in EVs. Accuracy in powertrain component location will improve the vehicle's NVH (Noise, Vibration, and Harshness) behavior [7]. To provide the same torque, the induction motor rotated the driving wheel (DW) through the pulley in a one-to-one ratio. Because the gears had a two-to-one ratio, the energy collected (ECW) shaft had twice the speed of the DW axle, as indicated in Figure 1. The different axles enabled more steady rotation [8], while the double speed meant greater fluxes for the generator [9]. Section 2 of the paper describes how regenerative braking works on the Antilock Braking System (ABS). Section 3 covers the components of this study's regenerative braking mechanism. Section 4 presents the results of the measurements and speed computations. Section 5 concludes with the optimum regenerative braking conclusion.

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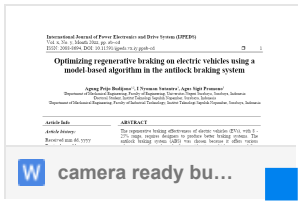

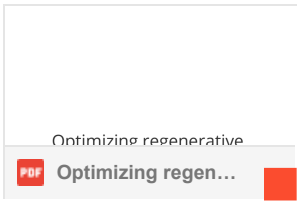

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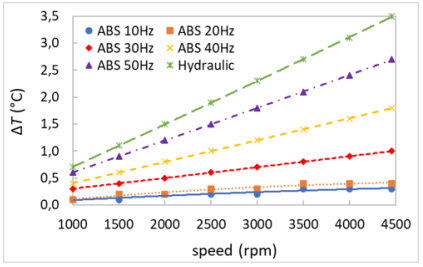

Figure 13. Battery temperature

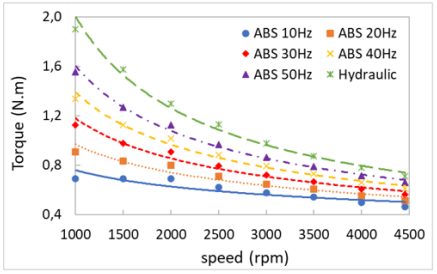

Figure 11. Torque on ECW

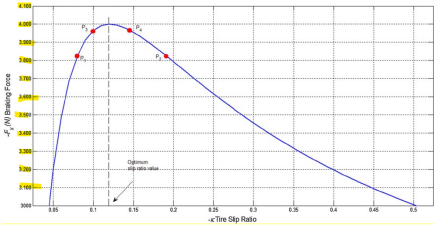

Figure 7. Representative points where ABS works

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