Preparation of Manuscript for Journal of Power Electronics

First Author¹ · Second Author² · Third Author¹*

Abstract

The title should be concise and informative. Please do not include articles (a, an, the) and avoid using cliché such as new, novel, enhanced, or improved in the title. In the title, please capitalize the first letter of each word except prepositions, articles, and conjunctions. Please write full names in the author field. Please put a bullet (∙) between the authors. Please provide an abstract of 150 to 250 words. The abstract should not contain any undefined abbreviations. If it is commonly in use, you do not define the acronym. Please do not cite references in the abstract. The abstract should be one single paragraph.

Keywords Please provide 4 to 6 keywords which can be used for indexing purposes. Please capitalize the first letter of each keyword and separate keywords by a bullet.

1 Introduction

These guidelines are specified by the JPE Editor-in-Chief. All authors are responsible for understanding these guidelines before submitting a manuscript for review to the online review system. This document was written using Microsoft Word 2016. If you are using MS Word 2016 or later version of the program, please use this file as a template and save your file in docx format or doc format. Otherwise, please use this document as an instruction.

A manuscript for a review should be at least six (6) pages and at most nine (9) pages including references.

2 Text

2.1 Text Formatting

The title and author field are in one-column format, while the rest of the manuscript is in two-column format. The body text should be in 10 point, Times New Roman, fully justified, single-spaced with 1.15 lines of line spacing. Please use italics for emphasis.

Do not use field functions. Please use tab stops or other commands for indents, not the space bar.

2.2 Nomenclature

If nomenclature section or the list of symbols is needed, please put it before the Introduction section without a section number.

2.3 Abbreviations

Please define all acronyms at their first mention and use consistently thereafter.

3 Equations

Use the equation editor or MathType for equations. Equations should be aligned to the center.

\[
\begin{bmatrix}
\dot{v}_{dsh} \\
\dot{v}_{qsh}
\end{bmatrix} =
\begin{bmatrix}
L_d & 0 \\
0 & L_q
\end{bmatrix}
\begin{bmatrix}
\dot{i}_d \\
\dot{i}_q
\end{bmatrix},
\]  

Please refer equations like (1), (2)–(5) when you mention them in the main text. Please number the equations consecutively using Arabic numerals. If an equation is too large for a single column, make it span the width of the entire page and place it at the bottom of the page where it was supposed to be.

4 Figures and Tables

Please include all figures, tables, and captions in the text and confirm their size and legibility. Figures and tables should be placed at the top of the page and should be of the highest possible quality. If a table or figure is too large for a single column, make it span the width of the entire page. Please do not insert figures on the first page as far as you can. Please use the table function, not spreadsheets, to make tables.

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Fig. 1 Typical circuit of the three shunt sensing inverter

Fig. 2 Experimental result under SLGF condition: (a) source voltages (100V/div); (b) compensation voltages

Table 1  SI Base Units

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Name of Unit</th>
<th>Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>Meter</td>
<td>m</td>
</tr>
<tr>
<td>Mass</td>
<td>Kilogram</td>
<td>kg</td>
</tr>
<tr>
<td>Time</td>
<td>Second</td>
<td>s</td>
</tr>
<tr>
<td>Electrical current</td>
<td>Ampere</td>
<td>A</td>
</tr>
<tr>
<td>Thermodnamic temperature</td>
<td>Kelvin</td>
<td>K</td>
</tr>
<tr>
<td>Amount of substance</td>
<td>Mole</td>
<td>mol</td>
</tr>
<tr>
<td>Luminous intensity</td>
<td>Candela</td>
<td>cd</td>
</tr>
</tbody>
</table>

All figures and tables are to be numbered using Arabic numerals. Figures and tables should always be cited in text in consecutive numerical order.

4.1 Figure Captions

Each figure should have a concise caption describing accurately what the figure depicts. Figure captions begin with the term Fig. in bold type, followed by the figure number, also in bold type. Figure parts should be denoted by lowercase letters (a, b, c, etc.). No punctuation is to be included after the number, nor is any punctuation to be placed at the end of the caption. Identify all elements found in the figure in the figure caption; and use boxes, circles, etc., as coordinate points in graphs. Identify previously published material by giving the original source in the form of a reference at the end of the figure caption.

When you refer to certain figures in the text, please write it within a sentence using the abbreviation form of figure (Fig.) and its identification number e.g. Fig. 1 or Fig. 2a or Figs. 3-5.

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For each table, please supply a table caption (title) explaining the components of the table. Please do not put a period at the end of the caption. Footnotes to tables should be indicated by superscript lower-case letters (or asterisks for significance values and other statistical data) and included beneath the table body.

When you refer to certain tables in the text, please write it within a sentence using its identification number e.g. Table 1 or Table 2 or Table 3-5.

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5 Conclusion

Please write what you have achieved from your research or suggest a possible future experiment instead of repeating the introduction section or the summary of experimental results.

Acknowledgements  Acknowledgements of people, grants, funds, etc. should be placed in a separate section on the title page. The names of funding organizations should be written in full. e.g. This work was supported by […] (Grant numbers […] and […].

Data Availability  An article’s data availability statement lets a reader know where and how to access data that support the results and analysis. It may include links to publicly accessible datasets that were analyzed or generated during the study, descriptions of what data are available and/or information on how to access data that is not publicly available.

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If your data cannot be shared openly, for example to protect study participant privacy, then this should be explained.

Include both original data generated in your research and any secondary data reuse that supports your results and analyses.

Statement examples:
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- The datasets generated during and/or analyzed during the current study are available from the corresponding author on reasonable request.

- All data generated or analyzed during this study are included in this published article (and its supplementary information files).

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Reference citations in the text should be identified by numbers in square brackets. Some examples:

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2. This result was later contradicted by Becker and Seligman [5].
3. This effect has been widely studied [1-3, 7].

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The entries in the list should be numbered consecutively.

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Article by DOI


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