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| Book Name: | [**Engineering Research: Perspectives on Recent Advances**](https://www.bookpi.org/bookstore/product/engineering-research-perspectives-on-recent-advances-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_3941** |
| Title of the Manuscript: | **Design and Modeling of Brushless Doubly-Fed Reluctance Generator for Wind Mills** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments | | |
|  | Reviewer’s comment | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This paper is of interest to the scientific community, as it presents an analytical study of the performance of the Brushless double-Fed dependence Generator (BDFRG), which is considered one of the good solutions in wind power systems. This research contributes to highlighting the efficiency of the generator compared to other conventional generators such as BDFIG and DFIG, helping researchers to choose the optimal generator for wind power systems. Also, the use of MATLAB/Simulink software in the simulation, which provides accuracy in analyzing the performance of the generator based on various criteria such as THD, ISE, IE, and white .** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The content of the manuscript includes simulation work using MATLAB and there is no design for the generator, so it is preferable to use the following title (Modeling Analysis of Brushless Doubly-Fed Reluctance Generator for Windmills)** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **The abstract must be repeated in full and includes the results, numbers, and the better percentage of the BDFRG than the rest of the models** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, the manuscript looks scientifically correct based on what has been shown . The researcher addressed the design and simulation of the Brushless double-Fed dependence Generator (BDFRG) using the MATLAB/Simulink program** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **must add recent references 2020 to 2024** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **The language is very weak.** |  |
| Optional/General comments | 1. **In the title (Wind Mills) this word is wrong. It should be one word (Windmills)** 2. **Abstract is weak and should contain some values ​​for the results obtained.** 3. **The abstract should be 250-300 words.** 4. **Make a table in the manuscript and put in it all the symbols and abbreviations with their meanings.** 5. **(The Figure indicates two-cascade connections are related.) Name the Figure and the Figure below must also have a title.** 6. **At the end of the introduction, the manuscript should contain the objective and a summary of the work you have done.** 7. **Refer to Table 1 in the text.** 8. **Check your grammar and punctuation because it contains many errors.** 9. **Figure.8 Why is the yellow color not clear at all? You can change the color in MATLAB from the (Edit Figure) box very easily. Please choose colors that can be read clearly and also give a magnification to the numbers in the Figure so that the reader can see them clearly** 10. **Page 78 (The total harmonic distortion of the stator power of the BDFRG is represented in fig.5and the rotor power in phase in fig.6 respectively)There must be a space between the two words (fig.5and)** 11. **All equations in the manuscript must be editable and not in the form of a screenshot.** 12. **Please enter the boundary conditions you entered in the simulation Software.** 13. **In Section III. RESULT AND DISCUSSION, check the numbers indicated on all figures Because it's wrong** 14. **What percentage do you think BDFRG is better than BDFIG and DFIG?** 15. **References (7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22 ) are not mentioned in the manuscript.** 16. **I have added some modifications to the manuscript. Check them to see if they are suitable for you or not.** 17. **The language is very weak. Make sure to proofread the manuscript completely.** 18. **You must add recent references 2020-2024** |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*** |
| **Are there ethical issues in this manuscript?** | ***(If yes, Kindly please write down the ethical issues here in details)*** |  |

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| **Reviewer Details:** | |
| Name: | **Mustafa Ali Abdulridha** |
| Department, University & Country | **Babol Noshirvani University of Technology (NIT), Iraq** |