

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_126740
Title of the Manuscript:	DYNAMIC SIMULATION AND ANALYSIS OF THREE PHASE INDUCTION MOTOR FOR FAULTS DETECTION USING MATLAB/SIMULINK
Type of the Article	

General guidelines for the Peer Review process:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	In this research work, the dynamic simulation of three-phase induction motors under both symmetrical and unsymmetrical fault conditions using MATLAB/Simulink has proven to be an invaluable tool for understanding the complex behaviors of these machines. This project has demonstrated the effectiveness of MATLAB/Simulink in modeling and simulating the intricate dynamics of induction motors, providing detailed insights into their performance under various fault scenarios.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Summarize the abstract section.	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	In this research work, the dynamic simulation of three-phase induction motors under both symmetrical and unsymmetrical fault conditions using MATLAB/Simulink has proven to be an invaluable tool for understanding the complex behaviors of these machines. This project has demonstrated the effectiveness of MATLAB/Simulink in modeling and simulating the intricate dynamics of induction motors, providing detailed insights into their performance under various fault scenarios.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	Please add the following articles to the references section. <ul style="list-style-type: none"> • "Optimal Design of a Permanent Magnet Synchronous Motor for High Efficiency and Low Cogging Torque", <i>International Journal on Electrical Engineering and Informatics</i>, Vol. 12, No. 2, 2020. • "A New Method for Design and Optimization of DFIG for Wind Power Applications", <i>Electric Power Components and Systems</i>, Vol. 48, No. 14, 2021. 	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	No	
Optional/General comments	<p>1- Summarize the abstract section. Also, provide more details about the proposed approach.</p> <p>2- Does Fig. 1 summarize the proposed method? If so, please explain it in more detail.</p> <p>3- Provide a reference for Fig. 2.</p> <p>4- The quality of Figures 3 to 10 is very low. Please provide higher quality images.</p> <p>5- Please add the following articles to the references section.</p> <ul style="list-style-type: none">• “Optimal Design of a Permanent Magnet Synchronous Motor for High Efficiency and Low Cogging Torque”, <i>International Journal on Electrical Engineering and Informatics</i>, Vol. 12, No. 2, 2020.• “A New Method for Design and Optimization of DFIG for Wind Power Applications”, <i>Electric Power Components and Systems</i>, Vol. 48, No. 14, 2021.	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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