



[SDI Review Form 1.6](#)

Journal Name:	<u>Asian Research Journal of Mathematics</u>
Manuscript Number:	Ms_ARJOM_28948
Title of the Manuscript:	Dynamic DC motor-gear-alternator (MGA) system
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	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)
Compulsory REVISION comments	<ol style="list-style-type: none"> 1. How the values of inductance and resistance can be compared and inductance is not ignored but its impact on voltage drop is ignored. Please re-phrase the opening sentence, it is very confusing. 2. Provide comparative results of the mathematical model without inductance. 3. Provide more results for comparison as you say you can compare the effect of different values of the parameters. 	<ol style="list-style-type: none"> 1. Opening statement was completely overhauled. The opening statement was rather confusing and we have changed to bring a meaning 2. Comparative test was done on the use of PID controller
Minor REVISION comments	<ol style="list-style-type: none"> 1. Write equations in Equation editor instead of copy and paste. 2. Revise section numbers such as Simulink Model should be in another section. 3. Re-organize paragraphs, if possible and avoid trivial sentences such as all motor/generator/alternators are designed to convert energy from one form to another, so there should be something more in the sentence when defining a dc motor i.e. a dc motor works on dc input etc. 	<ol style="list-style-type: none"> 1. The equations retyped using insert equation option. Though it wasn't copy paste 2. Numbering of section titles revised 3. Re-organization done
Optional/General comments	<p>It can be a good paper to read even though, I don't find something new, if</p> <ol style="list-style-type: none"> 1. The Opening statement is very clear. 2. Comparison of Simulink model result with and without inductance consideration. 3. A few more graphs should be added in results with different values of the parameters. 	<ol style="list-style-type: none"> 1. Opening statement wasn't clear and we have changed. 2. More graphs added and analysed.