



SDI Review Form 1.6

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_44589
Title of the Manuscript:	Nonlinear Saturation Controllers for suppression the Vibration of Nonlinear Spring Pendulum
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>)

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	- Authors have to show the circuit of Nonlinear Saturation Controller (NSC) used in the work. - Abstract- studied system – this studied system is not clearly discussed in the paper - Page-2, line 3 from bottom- fundamental system--- what is studied system (written in the abstract) and fundamental system? - Suggested to add a sketch/ figure of Nonlinear Spring Pendulum considered in the analysis - Clarity of x, ϕ, u and v are needed in the paper	
Minor REVISION comments	- Ref [4]- International journal of non-linear mechanics –correct to - International Journal of Non-Linear Mechanics - Page.1- Eissa et al [7–11] correct to Eissa et al [7–9,11] - Ref [10]- is not used in the paper - Page-2- matlab-simulink correct to Matlab-Simulink - Page-2-Line 17 from bottom- what is PPF is not mentioned in the paper - Page-2- line 12 from bottom- They mathematical solutions were in a great agreement with the numerical ones ---correct	
Optional/General comments	All cited references are good Mathematical analysis is good, I suggest authors to check for any typographical mistakes in equations.	



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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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