

Review Form 1.6

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_87507
Title of the Manuscript:	Eliminate the nonlinear oscillations of the modified duffing equation by using the nonlinear integrated positive position feedback
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:

(<https://www.journalarjom.com/index.php/ARJOM/editorial-policy>)

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	1. Abstract: When the controller's natural frequency is tuned to be the same value as the external excitation frequency, how do the authors consider the resonance problem? 2. Introduction should be improved by adding more extensive descriptions concerning the deficiencies of existing studies, the main purpose and contribution of this paper. 3. The definition or explanation of primary and internal resonance are suggested to be presented. 4. What's the difference between stability analysis and stability investigation? Please explain the logical relationships between sections 4 and 5 briefly.	
Minor REVISION comments	1. For polishing the article, I recommend going through the article in terms of scientific language, e.g. 'controller natural frequency', 'eqs.(8)', 'equations (9)', 'equations (21),(22)', and 'Fig. (a)'. 2. References should be in a uniform format. 3. Can the equations like (9) and (11) be rewritten in a more compact form? 4. Why do the authors use image 1 rather than Fig. 1 directly? 5. Section 7: Where is Fig. 15? It seems that the figures in your paper are only marked up to Fig. 14.	
Optional/General comments	None.	

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)	

Reviewer Details:

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