SDI Review Form 1.6

Journal Name:	**Asian Research Journal of Mathematics**
Manuscript Number:	**Ms_ARJOM_66021**
Title of the Manuscript:	**On the existence of time delay for rotating beam with proportional–derivative controller**
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/journal/10/editorial-policy)

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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	**1.Notations and symbols are to be defined.** **2.How the equations 1(a) and 1(b) are framed? Mention the steps in detail and give a clear explanation.** **3.Explain in details about the steps in getting eq (9).** **4.In section 3.1, how the values are chosen? Any restrictions over the selection of values?** **5.Any other set of values, will they satisfy section 3.1?** **6. In Results and discussion part, a comparison study and effect of some parameters on amplitude has been made.** **But what your are conveying from the above comparison and effect of some parameters apart from saying increasing or decreasing?** **Any new information are you conveying? If so, kindly discuss that too .It will be helpful for all the readers.** **7.Language could have been better** **8.Still more a detailed explanation is required in all the sections** **9.Methodology of solving to be clearly defined.** **10.Kindly refer and add more recent journals (2018-2020) in reference**	1. All Notations and symbols were defined in the list of symbols and inside the paper. 2. The system model be explained in detail before writing Equation 1, and some equations were added in Appendix. 3. Eq. (9) is induced by eliminating all terms that gives unbounded solution and for getting the solvability conditions, the detailed equations were written in the modified version (Eqs. 11 and 12). 4. Practical and logical parameters were chosen according to references [5, 8, 9], the restrictions is to have materials with suitable parameters such as the damping coefficients, stiffness,… 5. The effect of parameters on the system amplitude were studied and clarified in figures 12 and 13, for choosing a suitable values for the parameters that gives a logical operation that could be taken into account during the system design. 6. An additional explanations were added to the modified version. 7. The new version were revised for improving the language. 8. The required explanations in most sections were added as possible. 9. Methodology of solving has been clarified on the modified version. 10. More recent references have been added.
Minor REVISION comments	NIL	
Optional/General comments	NIL	

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)*	