

## Review Form 1.7

Journal Name:	<b>Journal of Engineering Research and Reports</b>
Manuscript Number:	<b>Ms_JERR_106486</b>
Title of the Manuscript:	<b>Analysis of the force on the tooth surface of the cycloid pinwheel of RV reducer considering manufacturing errors</b>
Type of the Article	<b>Original Research Article</b>

### **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.journaljerr.com/index.php/JERR/editorial-policy> )

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>1. The manuscript entitled 'Analysis of the force on the tooth surface of the cycloid pinwheel of RV reducer considering manufacturing errors' is very important for industrial and scientific community and also used for precise transmission applications.</p> <p>2. <b>Yes</b></p> <p>3. <b>Yes</b> but need some correction (eg. The mechanical model of RV reducer considering displacement and stiffness is <b>established, and</b> the RV110E reducer is taken as the research <b>object, and the</b> model is solved by MATLAB computing software without considering the manufacturing error. ) which is highlighted in the manuscript.</p> <p>4. Yes, but I think introduction part need more reference at least one or two. Authors gave only two references in introduction part.</p> <p>5. Yes.</p> <p>6. <b>Yes</b>, only introduction part which is mentioned in <b>point 4</b>.</p> <p>7. References need one space after a word and authors name should be small which are highlighted in the manuscript.</p> <p>Please write (The mechanical model of RV reducer considering displacement and stiffness is <b>established</b>. The RV110E reducer is taken as the research <b>object and the</b> model is solved by MATLAB computing software without considering the manufacturing error.)</p> <p>I suggest one reference which must include in introduction part (Contact Analysis of Cycloidal-pin Gear of RV Reducer Under the Influence of Profile Error by Tianxing Li, Guofeng Wang, Xiaozhong Deng, Xiaotao An, February 2019, Journal of Physics Conference Series 1168(2):022095, DOI:10.1088/1742-6596/1168/2/022095).</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p><b>Yes</b></p>	
<p><b>Optional/General</b> comments</p>		

**PART 2:**

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

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