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Journal Name:	**Physical Science International Journal**
Manuscript Number:	**Ms_PSIJ_22868**
Title of the Manuscript:	**Spectrum Diagnostics of a Damaged Differential Planetary Gear during Various Operating Conditions**
Type of the 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	In the paper are discussed the vibration spectra and fault indicators of a ubiquitous multi-input industrial differential planetary design that includes tooth damage. The article is written very well with high grade of scientific and technical erudition. It can be classified as original scientific paper; it contains a contribution to the scientific area; style and language are corresponding, so in my opinion the paper is acceptable for publishing in Physical Science International Journal.	
Minor REVISION comments	I didn't find the substantial weaknesses in the article. However, I have some notes and questions: - the bottom part of the Fig. 1 is not readable and clear, - in my opinion, the unit for torque should be written in the form "Nm / Nmm", no as author(s) used "N-m / N-mm", - the quality of the graphs in Figures 2, 3, 4 and 8 is not good (in my file), - which numbers of figures are listed in the first column of the Tab. 4? - page 10, 2nd paragraph, line 2nd - Are really the predicted frequencies calculated in Tab. 3? - page 14, 2nd paragraph, line 5th - the value 695 Hz is not listed in Table 3, - Table 6 - Are really the frequencies in Tab. 6 of Fig.9? - Please check other references for tables and figures ...	
Optional/General comments	I recommend article publishing after minor revision.	

Reviewer Details:

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