Review Form 1.6

Journal Name:	**International Astronomy and Astrophysics Research Journal**
Manuscript Number:	**Ms_IAARJ_85198**
Title of the Manuscript:	**The Proof that Gravity Field Equations of General Relativity Have No Linear Wave Solutions Under Weak Condition and Problems Existing in the Formula of Gravity Radiation**
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:

(https://www.journaliaarj.com/index.php/IAARJ/editorial-policy)

Review Form 1.6

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	**Some yesrs ago a well known professional mathematical physicist J.Pommaret published a very interesting article in Journal of Modern Physics, (2017, 8, 2122-2158** DOI: 10.4236/jmp.2017.813130 Dec. 8, 2017 2122, Journal of Modern Physics) **entitled as" Why Gravitational Waves Cannot Exist", within which he has stated some mathematical constraints on the solutions to the Einstein gravity equations, whose consequence is the nonexistence of gravity waves from mathematical point of view. Moreover, such a result contains as a consequence that there exists also no linearized wave solutions to the gravity field equations, as it was claimed by the author. Taking into account that the present author's reasonings are different from those used by J. Pommaret, being mainly motivated by concrete calculations of special metric cases, - it would be more than usefull to find the common points and this way really to put a dot in debates on the gravity waves problem. Here I would like to stress that it is necessary to make a difference in used nowadays notions of "gravity waves" – these waves are often considered as some small perturbations of metrics which can propagate in the space-time, even though they carry no standard energy, as it is present in the case of electro-magnetical and other mechanical waves etc.** **From this point of view additional analysis is needed, and the author is inspired to perform this important by author.**	Noted
Minor REVISION comments	Author is asked to make his calculation more readable and transparable, the most of the related author's results and statements still need to be motivated and explained, especially those from Chapter 5. Some addition citations on the topic claimed by the author should be done.	Done
Optional/General comments	The work is an interesting piece of theoretical physics work which will of interest for gravity physicists.	Okay

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)*	