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PART 1:

Journal Name:	Physical Review & Research International
Manuscript Number:	**2013_PRRI_3746**
Title of the Manuscript:	**SOME SALIENT FEATURES OF NONLINEAR WAVE PROPAGATION IN ROTATING PLASMAS**

General guideline for Peer Review process is available in this link:
(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.

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PART 2: 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	**Reviews on "SOME SALIENT FEATURES OF NONLINEAR WAVE PROPAGATION IN ROTATING PLASMAS" authored by G C Das** In this article, the author has derived nonlinear Sagdeev like-wave equation in order to study the ion- acoustic wave in a simple plasma under the effect of Coriolis. He has given a main focus on the occurrence of compressive and rarefactive solitary waves along with their explosions or collapses. He finds that the effect of nonlinearity leads shock waves, double layers, and sinh-wave types of structures in such plasmas. **The paper is written well, but it needs some modifications before it is accepted for publication in Physical Review and** **Research International. For example:** 1) The author has not given an updated literature on the solitary waves and solitons. In fact a large number of articles have been published in the last 5 years. For example: 1. Physics of Plasmas (2008) 15, 072105. 2. Plasma Sources Science and Technology (2008) 17, 035005.	

3. Physics of Plasmas (2009) 12, 072112.
4. IEEE Transactions on Plasma Science (2010) 38, 452.
5. Physics of Plasmas (2011) 18, 042304.
6. Physica D (2011) 240, 310.
7. Journal of The Physical Society of Japan (2011) 80, 044502.
8. Plasma Physics and Controlled Fusion (2011) 53, 065012.
9. Physics of Plasmas (2012) 19, 012114.
10. Physics of Plasmas (2012) 19 032107.
11. Physics of Plasmas (2013) 19, 032112.

In order to strengthen the article, the above references may be cited.

2) The author has simply discussed his results and did not compare them with the observations of the other investigators. The comparison of the results will further strengthen the manuscript.

3) Although the author has tried to show the results in the limiting cases of θ Æ 0^o and θ Æ 90^o, he has not made a discussion of the same.

In addition, there are many typographical mistakes throughout the manuscript, which should be rectified. For example,

Further the plasma is having under the influence of Coriolis force generated from slow rotation with angular…,
velocity m_i is the mass of the ions moving with velocity $v_{x,y,z}$, and n be the density.

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	Study on the soliton solution, derives from the first order approximation on Sagdeev potential equation, is fully depend on the variation of A_1 and A_2, which, in turn, depend on the variation of rotational (dependable on θ) and Mach number M and we plot the variation of A_1 and A_2 soliton wave profile. This is described by the fact that, due to formation of a narrow wave packet, there is a generation of high electric force and consequently high magnetic force generates within the profile of soliton. Because of high energy the profile, electrons charge the neutral and other particles as a result density depression occurs and phenomena term as soliton radiation [37, 38].	
Minor REVISION comments		
Optional/General comments	**Work is good but the presentation is not up to the mark.**	

Note: Anonymous Reviewer