



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_47653
Title of the Manuscript:	Oblique Propagation of Nonlinear Solitary Waves in Magnetized Plasma with Nonextensive Electrons
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:

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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	<p>The manuscript studies the propagation of nonlinear solitary waves in a magnetised plasma in a two component plasma with the electrons being described by a q non-extensive distribution. The ions are subject to a pressure gradient force in addition to the electrostatic force.</p> <p>Comments:</p> <ul style="list-style-type: none"> (i) The authors have unfortunately overlooked some important previous studies. For example, Ferdousi et al (Phys Plasmas. 22, 032117, 2015) have studied the same problem in a 3 component plasma of electrons, positrons and ions; the lighter components are described by non-extensive distributions. The extra term introduced by the present authors is the pressure gradient force. (ii) Thus when the positron density and ion temperature are set = 0, the expressions for A and B in Ferdousi et al and the present manuscript should be the same. This does not seem to be the case. The authors are therefore urged to check their derivation. (iii) What is c_2? (iv) The authors should concentrate on the effect of ion temperature on solitary wave propagation as the others aspects have been well investigated Ferdousi et al, The authors should use parameters observed in laboratory / astrophysical plasmas for their computation. (v) If any interesting results are obtained due to (iv) and (v), the manuscript can be accepted for publication. 	
Minor REVISION comments	Minor corrections of language.	
Optional/General comments	None	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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