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Journal Name:	<a href="#">PhysicalScienceInternational Journal</a>
Manuscript Number:	2015_PSIJ_18598
Title of the Manuscript:	<b>Solitary Wave Solutions to the Strain Wave Equation in Microstructured Solids through the Modified Simple Equation Method</b>
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.

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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)
<b>Compulsory</b> REVISION comments	<p>The submitted paper can represent an interest for theoreticians and experimentalists. The paper discusses the modified simple equation (MSE) method for investigation of exact solitary wave solutions to nonlinear evolution equations (NLEEs) in the field of applied mathematics, mathematical physics, and engineering. The author(s) have reviewed many known methods for the same purpose. However, they are not familiar with some recent discoveries. For instance, the soliton kink and soliton antikink solutions were recently found in the problem of wave propagation in the layered system consisting of a layer on a substrate [1,2] in which the well-known Love wave can propagate. These new solitary wave solutions called the slow surface Zakharenko waves (SSZWs) have specific existence conditions and even can exist when the Love waves cannot exist.</p> <p>[1] A.A. Zakharenko, Analytical studying the group velocity of three-partial Love (type) waves in both isotropic and anisotropic media, <i>Non-destructive Testing and Evaluation</i> <b>20</b> (4) 237 – 254 (2005); DOI: 10.1080/17417530500513665.</p> <p>[2] A.A. Zakharenko, Slow acoustic waves with the anti-plane polarization in layered systems, <i>International Journal of Modern Physics B (World Scientific, Singapore)</i> <b>24</b> (4) 515 – 536 (2010); DOI: 10.1142/S0217979210054774.</p> <p>The paper needs a major revision because some formulae are presented in a strange form, namely formulae (3.16), (3.21), (3.22), (3.36), (3.40). They are complicated formulae and must be introduced in a readable format such as <math>a=b/c</math> where <math>b=</math> and <math>c=</math>. Also, Ref. [44], "Cermelli" instead of "Cermelli".</p>	<p><b>Response:</b> Thank you very much for the reviewer's good comments and suggestions. The reviewer says that "However, they are not familiar with some recent discoveries. For instance, the soliton kink and soliton antikink ...". This statement of the reviewer is not right, because we have discussed about soliton, kink, antikink etc in our article (in section 4). But it is right that, we did not discuss about Love wave. We have decided that in our next article, we will discuss in detailed about Love wave. We are grateful to the reviewer for providing two valuable and important references regarding Love wave.</p> <p>We have major revised the article as per the comments of the reviewer. <b>We have revised around 50% of the article. The revised places are highlighted by yellow color.</b> In the revised article, we have tried our best to present the article as simple as possible. As per the reviewer suggestion, we have presented the formulae (3.16), (3.21), (3.22), (3.36) and (3.40) in the form <math>a=b/c</math> where <math>b=</math> and <math>c=</math>. In the revised manuscript the name of the author in Ref. [44] has been corrected. <b>In the revised manuscript, the grammatical and typographical errors have also been corrected thoroughly.</b></p> <p>The revised manuscript has been submitted to the journal. We look forward to your positive response.</p>



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<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		