



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Physical Science International Journal
Manuscript Number:	2015_PSIJ_18598
Title of the Manuscript:	Solitary Wave Solutions to the Strain Wave Equation in Microstructured Solids through the Modified Simple Equation Method
Type of Article	

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>I am still with my previous report. The authors did not add anything new. This method is old since 2010. There are a lot of papers applied this method when the balance number =2. See for example the following article which is not cited in their paper under reviewed :</p> <p>E. M. E. Zayed and A. H. Arnous , "Exact traveling wave solutions of nonlinear PDEs in mathematical physics using the modified simple equation method," <u>Application and Applied Mathematics: An International Journal, USA</u>, Vol. 8, Issue 2 (December 2013), Pages 553 – 572.</p> <p>There are many other papers where the balance number = 2.</p>	<p>I agree with the reviewer to the point that the modified simple equation method is old, established on 2010. But, by this method, it was very difficult to solve those NLEEs whose balance number is two. This is the shortcoming of the MSE method. In the revised manuscript, we have mentioned that in the present literature only two equations are solved by the MSE method. In Ref. [47], Salam solved the modified Liouville equation (wherein the balance number is two) and set down a solution to this equation, but his solution does not satisfy the equation. i. e. this is an incorrect solution. Also in Ref. [48], Zayed and Arnous (which is mentioned by the reviewer as an example where the MSE method is used to solve NLEEs wherein the balanced number is two) used the MSE method to solve the KP-BBM equation and they found some solutions to this equation. But there is no guideline in that article, how one can solve other NLEEs for the higher balance number.</p> <p>Very recently, in Ref. [49], Khan and Akbar developed a procedure and remove the shortcoming of the MSE method to solve NLEEs for balance number two. In the present article, we have demanded that, by using the MSE method together with the technique developed by Khan and Akbar in Ref. [49], we derive some impressive solitary wave solutions to NLEES via the strain wave equation in microstructured solids which is a very important equation in the field of engineering. We have never claimed that the MSE method is new or we have established the MEs method.</p> <p>The revised manuscript has been resubmitted to the journal. We look forward to your positive report.</p>