



**SDI Review Form 1.6**

Journal Name:	<a href="#">Physical Science International Journal</a>
Manuscript Number:	2015_PSIJ_18109
Title of the Manuscript:	DYNAMIC BUCKLING LOAD OF AN IMPERFECT VISCOUSLY DAMPED SPHERICAL CAP STRESSED BY A STEP LOAD
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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 introduction is not adequate and need to include more literature. Cite these relevant papers.</p> <ol style="list-style-type: none"> <li>1. The three dimensional flow past a stretching sheet by extended optimal homotopy asymptotic method. Science International, 26 (2) 567-576, 2014. (ISI)</li> <li>2. An Extension of the Optimal Homotopy Asymptotic Method to Coupled Schrödinger-KdV E quation. International journal of differential equations. Volume 2014 Article ID 106934, 12 pages. Scopus. (HEC Recognized)</li> <li>3. <b>Solution</b> of Boundary Layer Problems with Heat Transfer by Optimal Homotopy Asymptotic Method. Abstract and Applied Analysis Volume 2013 Artcile ID 324869, 10 pages. (IF 1.102)</li> <li>4. Application of Optimal Homotopy Asymptotic Method to Doubly Wave Solutions of the Coupled Drinfel'd-Sokolov-Wilson Equations. Mathematical</li> </ol>	I agree with the reviewer's comments. Some relevant literatures have been included.



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	<p>Problem in Engineering Volume 2013, Article ID 362816, 8 pages. (IF 1.383)</p> <p>5. <b>Application of</b> Optimal Homotopy Asymptotic Method to Burger Equations. Journal of Applied Mathematics Volume 2013, Article ID 387478, 8 pages. (IF 0.834)</p> <p>6. <b>Optimal Homotopy</b> Asymptotic Method to Nonlinear Damped Generalized Regularized Long-Wave Equation. Mathematical Problems in Engineering Volume 2013, Article ID 503137, 13 pages. (IF 1.383)</p> <p>7. The Flows past a Rotating Disk by Optimal Homotopy Asymptotic Method. World Applied Sciences Journal 29 (11): 1409-1414, 2014 (ISI)</p> <p>8. Solution of the Difference-Differential equation by Optimal Homotopy Asymptotic Method. Abstract and Applied Analysis Volume 2014, Article ID 520467, 8 pages (IF 1.102)</p> <p>The Optimal Homotopy Asymptotic Method with application to Modified Kawahara Equation. JAAUBAS (2014) .</p>	
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	<p><a href="https://doi.org/10.1016/j.jaubas.2014.05.004">doi:10.1016/j.jaubas.2014.05.004</a>.Elsevier.</p> <p>9. Applications of optimal homotopy asymptotic method to heat transfer problems. Science International 26-(3),1151-1155,2014. (ISI)</p> <p>10. Application of Optimal Homotopy Asymptotic Method to Benjamin-Bona-Mahony and Sawada- Kotera equations. WASJ 31 (11): 1945-1951, 2014. (ISI)</p> <p>11. Solving Singular Boundary Value Problems by Optimal Homotopy Asymptotic Method. International journal of Differential Equations. Volume 2014, Article ID 287480, 10 pages. Scopus (HEC Recognized).</p> <p>12. Formulation and application of OHAM for coupled DDEs. PLOS ONE. IF 3.810.1371/journal.pone.0120127</p> <p>13. Application of Optimal homotopy asymptotic method to Convective radiative fin with temperature dependant thermal conductivity. Volume : 1 (2014) ,Article Id : J. Appl. Environ. Biol. Sci._456_S (ISI)</p> <p>14. H. Ullah, S. Islam, I. Khan, S. Sheridan, M. Fiza, Approximate solution of the generalized coupled Hirota- Satsuma</p>	
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	<p>coupled KdV equation by extended optimal homotopy asymptotic method, Magnt research report (ISI) Vol.2 (7). PP: 3022-3036.</p> <p>15. Efficient implementation of modified asymptotic Method for the solution of Nonlinear Coupled Partial Differential equations. Indian journal of science and technology Vol 8(S3), 136-148, February 2015. doi: <a href="https://doi.org/10.17485/ijst/2015/v8iS3/60480">10.17485/ijst/2015/v8iS3/60480</a> (ISI)</p> <p>16. Approximate Solution of Two-Dimensional Nonlinear Wave Equation by Optimal Homotopy Asymptotic Method. Mathematical Problems in Engineering Mathematical Problems in Engineering Volume 2015 (2015), Article ID 380104, 7 pages <a href="http://dx.doi.org/10.1155/2015/380104">http://dx.doi.org/10.1155/2015/380104</a></p> <p>The optimal homotopy asymptotic method with application to Inhomogeneous nonlinear wave equations. Sci.Int.,26(5),1907-1913,2014.</p>	
<b><u>Minor</u></b> REVISION comments		
<b><u>Optional/General</u></b> comments		