



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Advances in Mathematics and Computer Science</a>
Manuscript Number:	<b>Ms_JAMCS_48357</b>
Title of the Manuscript:	<b>A Family of High Order One-Block Methods for the Solution of Stiff Initial Value Problems</b>
Type of the Article	<b>Original Research Article</b>

**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**

	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	<ol style="list-style-type: none"> <li><b>Validation of results should be perform.</b></li> <li><b>The English needs improvement.</b></li> <li><b>The literature should be updated with recent published articles listed below</b>  Daniel, Y. S., Aziz, Z. A., Ismail, Z., &amp; Salah, F. (2017). Effects of thermal radiation, viscous and Joule heating on electrical MHD nanofluid with double stratification. <i>Chinese Journal of Physics</i>, 55(3), 630-651.  Daniel, Y. S., &amp; Daniel, S. K. (2015). Effects of buoyancy and thermal radiation on MHD flow over a stretching porous sheet using homotopy analysis method. <i>Alexandria Engineering Journal</i>, 54(3), 705-712.  Daniel, Y. S. (2016). Laminar convective boundary layer slip flow over a flat plate using homotopy analysis method. <i>Journal of The Institution of Engineers (India): Series E</i>, 97(2), 115-121.  Daniel, Y. S., Aziz, Z. A., Ismail, Z., &amp; Salah, F. (2017). Entropy analysis in electrical magnetohydrodynamic (MHD) flow of nanofluid with effects of thermal radiation, viscous dissipation, and chemical reaction. <i>Theoretical and Applied Mechanics Letters</i>, 7(4), 235-242.  Daniel, Y. S. (2015). Steady MHD laminar flows and heat transfer adjacent to porous stretching sheets using HAM. <i>American journal of heat and mass transfer</i>, 2(3), 146-159.  Daniel, Y. S., Aziz, Z. A., Ismail, Z., &amp; Salah, F. (2018). Effects of slip and convective conditions on MHD flow of nanofluid over a porous nonlinear stretching/shrinking sheet. <i>Australian Journal of Mechanical Engineering</i>, 16(3), 213-229.  Daniel, Y. S., Aziz, Z. A., Ismail, Z., &amp; Salah, F. (2017). Numerical study of Entropy analysis for electrical unsteady natural magnetohydrodynamic flow of nanofluid and heat transfer. <i>Chinese Journal of Physics</i>, 55(5), 1821-1848.  Daniel, Y. S., Aziz, Z. A., Ismail, Z., &amp; Salah, F. (2018). Impact of thermal radiation on electrical MHD flow of nanofluid over nonlinear stretching sheet with variable thickness. <i>Alexandria engineering journal</i>, 57(3), 2187-2197.  Daniel, Y. S., Aziz, Z. A., Ismail, Z., &amp; Salah, F. (2018). Thermal stratification effects on MHD radiative flow of nanofluid over nonlinear stretching sheet with variable thickness. <i>Journal of Computational Design and Engineering</i>, 5(2), 232-242.  Daniel, Y. S. (2017). MHD laminar flows and heat transfer adjacent to permeable stretching sheets with partial slip condition. <i>Journal of Advanced Mechanical Engineering</i>, 4(1), 1-15.  Daniel, Y. S. (2016). Steady MHD boundary-layer slip flow and heat transfer of nanofluid over a convectively heated of a non-linear permeable sheet. <i>Journal of Advanced Mechanical Engineering</i>, 3(1), 1-14.  Daniel, Y. S., Aziz, Z. A., Ismail, Z., &amp; Salah, F. (2017). Double stratification effects on unsteady electrical MHD mixed convection flow of nanofluid with viscous dissipation and Joule heating. <i>Journal of applied research and technology</i>, 15(5), 464-476.  Daniel, Y. S. (2015). Presence of heat generation/absorption on boundary layer slip flow of nanofluid over a porous stretching sheet. <i>American Journal of Heat and Mass Transfer</i>, 2(1), 15-30.  Daniel, Y. S., Aziz, Z. A., Ismail, Z., &amp; Salah, F. (2017). Thermal radiation on unsteady electrical MHD flow of nanofluid over stretching sheet with chemical reaction. <i>Journal of King Saud University-Science</i>. </li> </ol>	



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	<p>Daniel, Y. S., Aziz, Z. A., Ismail, Z., &amp; Salah, F. (2018). Hydromagnetic slip flow of nanofluid with thermal stratification and convective heating. <i>Australian Journal of Mechanical Engineering</i>, 1-9.</p> <p>Daniel, Y. S., Aziz, Z. A., Ismail, Z., &amp; Salah, F. (2018). Slip Effects on Electrical Unsteady MHD Natural Convection Flow of Nanofluid over a Permeable Shrinking Sheet with Thermal Radiation. <i>Engineering Letters</i>, 26(1).</p> <p>Daniel, Y. S., Aziz, Z. A., Ismail, Z., &amp; Salah, F. (2017). Entropy Analysis of Unsteady Magnetohydrodynamic Nanofluid over Stretching Sheet with Electric Field. <i>International Journal for Multiscale Computational Engineering</i>, 15(6).</p>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

**PART 2:**

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

**Reviewer Details:**

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Department, University & Country	<b><i>Kaduna State University, Nigeria</i></b>