



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_40159
Title of the Manuscript:	Differential Transform Decomposition Method for the solution of Boundary Layer Equations in a finite domain
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)
Compulsory REVISION comments	Review report Differential Transform Decomposition Method for the solution of Boundary Layer Equations in a finite domain 1. Introduction section is should be re-written. 2. A brief detail about Differential Transform Decomposition Method should be included in manuscript. 3. In Abstract author should expose the important results of the study. 4. A parameter β appeared in in Eq. (2.4) is not defined. 5. Again in Eq. (3.1), S is not defined. 6. There are several typing mistakes which needs to be corrected For instance, in sentence "To solve equation (3.1) subject to the boundaries 3.2 with the proposed...." boundaries 3.2 or boundary conditions? 7. After Eq. (3.6), prandtl number should be "Prandtl number" 8. Again in Eq. (3.6), parameter, Re is not defined. 9. On page 8, "... So that" ? 10. Eqs. (3.11)-(3.13) should be verified. 11. The existence, limitations and significance of boundary layer equations should be highlighted. For this purpose, authors are referred to ➤ . Hydromagnetic flow and heat transfer of a Jeffrey fluid over an oscillatory stretching surface, Zeitschrift für Naturforschung A , 70(7)a: 567–576 (2015). ➤ MHD flow and heat transfer over a porous oscillating stretching surface in a viscoelastic fluid with porous medium, Plos One, 10(12): e0144299 (2015). ➤ Soret and Dufour effects on hydromagnetic flow of viscoelastic fluid over porous oscillatory stretching sheet with thermal radiation, Journal of the Brazilian Society of Mechanical Sciences and Engineering, 38: 2533-2546 (2016). ➤ Influence of Heat Generation/Absorption with Convective Heat and Mass Conditions in Unsteady Flow of Eyring Powell Nanofluid over Porous Oscillatory Stretching Surface, Journal of Nanofluids 5(3), 351-362 (2016). ➤ MHD flow and heat transfer of couple stress fluid over an oscillatory stretching sheet with heat source/sink in porous medium, Alexandria Engineering Journal, 55: 915–924 (2016). ➤ Slip effects in the hydromagnetic flow of a viscoelastic fluid through porous medium over a porous oscillatory stretching sheet, Journal of Porous Media, 20(3): 249-262 (2017). ➤ Analytical and Numerical Study of Diffusion of Chemically Reactive Species in Eyring-Powell Fluid over an Oscillatory Stretching Surface, <i>Bulgarian Chemical Communications</i>, 49(2) 320 – 330, (2017). <i>The introduction section should be updated in view of these references</i>	
Minor REVISION comments		
Optional/General comments		

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