Review Form 1.6

Journal Name:	**Current Journal of Applied Science and Technology**
Manuscript Number:	**Ms_CJAST_75730**
Title of the Manuscript:	**Effects of the hydro anisotropy and the magnetic field on the dynamic thermo-bi-diffusive flow in a horizontal cavity confining a porous medium saturated by a binary fluid.**
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:

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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		
Minor REVISION comments	1. The authors have made a good effort to write the paper. However, still, authors need to check the consistency, font type, and some typos. 2. In the introduction section, the authors are suggested to give more explanation about the proposed method rather than only giving the equation that already given by previous research. 3. The manuscript still focused on computer algebra, many in a reduced variable denoting one dimensional wave motion. 4. No actual physical applications were mentioned. 5. The following latest studies are very relevant. The authors must read and provide complete information on this topic through including these studies. "Solution of fractional Volterra–Fredholm integro-differential equations under mixed boundary conditions by using the HOBW method," Advances in Difference Equations. "Detection of a new multi-wave solutions in an unbounded domain. The method of lines for solution of the carbon nanotubes engine oil nanofluid over an unsteady rotating disk. 'Evolutionary Numerical Approach for Solving Nonlinear Singular Periodic Boundary Value Problems. Hybrid Orthonormal Bernstein and Block-Pulse functions wavelet scheme for solving the 2D Bratu problem. "Analytical Solutions for Nonlinear Dispersive Physical Model".The method of lines for solution of the carbon nanotubes engine oil nanofluid over an unsteady rotating disk. Lie symmetry analysis, new group invariant for the (3 + 1)-dimensional and variable coefficients for liquids with gas bubbles models. Construction of Lump and optical solitons solutions for (3 + 1) model for the propagation of nonlinear dispersive waves in inhomogeneous media. Computational intelligence approach using Levenberg–Marquardt backpropagation neural networks to solve the fourth-order nonlinear system of Emden–Fowler model.Characteristics of melting heat transport of blood with time-dependent cross-nanofluid model using Keller–Box and BVP4C method. Investigations of nonlinear induction motor model using the Gudermannian neural networks. A combined method for simulating MHD convection in square cavities through localized heating by method of line and penalty-artificial compressibility. The Method of Lines Analysis of Heat Transfer of Ostwald-de Waele Fluid Generated by a Non-uniform Rotating Disk with a Variable Thickness.	
Optional/General comments		

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PART 2:

	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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

Name:	***Mohamed Reda Ali***
Department, University & Country	***Benha University, Egypt***