

A numerical approach for 2-D Sutterby fluid-flow bounded by an inclined magnetic field and thermal radiation impacts

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A Stochastic Intelligent Computing with Neuro-Evolution Heuristics for Nonlinear Sitr System of Novel COVID-19 Dynamics. <i>Symmetry</i> , 2020, 12, 1628.	1.1	116
2	The Effects of Activation Energy and Thermophoretic Diffusion of Nanoparticles on Steady Micropolar Fluid along with Brownian Motion. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-12.	1.0	72
3	Radiative MHD Sutterby Nanofluid Flow Past a Moving Sheet: Scaling Group Analysis. <i>Mathematics</i> , 2020, 8, 1430.	1.1	16
4	Study on the oblique water entry impact performance of AUV under different launch conditions based on coupled FEM-ALE method. <i>AIP Advances</i> , 2020, 10, .	0.6	8
5	Characteristics of melting heat transport of blood with time-dependent cross-nanofluid model using Keller's Box and BVP4C method. <i>Engineering With Computers</i> , 2022, 38, 3705-3719.	3.5	62
6	Evolutionary Integrated Heuristic with Gudermannian Neural Networks for Second Kind of Lane-Emden Nonlinear Singular Models. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4725.	1.3	25
7	Analysis of the nanoscale heat transport and Lorentz force based on the time-dependent Cross nanofluid. <i>Engineering With Computers</i> , 2023, 39, 2089-2108.	3.5	14
8	An Analysis for Variable Physical Properties Involved in the Nano-Biofilm Transportation of Sutterby Fluid across Shrinking/Stretching Surface. <i>Nanomaterials</i> , 2022, 12, 599.	1.9	23
9	A three-dimensional flow of an Oldroyd-B liquid with magnetic field and radiation effects: An application of thermophoretic particle deposition. <i>International Communications in Heat and Mass Transfer</i> , 2022, 134, 106007.	2.9	23
10	Entropy Minimization on Sutterby Nanofluid past a Stretching Surface with Swimming of Gyrotactic Microorganisms and Nanoparticles. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-17.	0.6	4
11	Darcy resistance flow of Sutterby nanofluid with microorganisms with applications of nano-biofuel cells. <i>Scientific Reports</i> , 2022, 12, 7514.	1.6	20
12	Numerical analysis of Cattaneo-Christov heat flux model over magnetic couple stress Casson nanofluid flow by Lavenberg-Marquard backpropagated neural networks. <i>Waves in Random and Complex Media</i> , 0, , 1-28.	1.6	12
13	Hydrogen energy storage optimization in solar-HVAC using Sutterby nanofluid via Koo-Kleinstreuer and Li (KKL) correlations model: A solar thermal application. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 18877-18891.	3.8	31
14	Insights of Heat and Mass Transfer in Magneto-Mixed Convective Sisko Nanofluid over a Wedge with Viscous Dissipation. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-13.	0.6	2
15	A design of an intelligent computing networks to study impacts of porous dissipation and slip for boundary layer flow along Darcy-Brinkman porous media. <i>International Communications in Heat and Mass Transfer</i> , 2022, 135, 106127.	2.9	9
16	On Thermal Distribution for Darcy-Forchheimer Flow of Maxwell Sutterby Nanofluids over a Radiated Extending Surface. <i>Nanomaterials</i> , 2022, 12, 1834.	1.9	8
17	Knacks of neuro-computing to study the unsteady squeezed flow of MHD carbon nanotube with entropy generation. <i>International Communications in Heat and Mass Transfer</i> , 2022, 135, 106140.	2.9	12
18	Heat Transfer Analysis on Carboxymethyl Cellulose Water-Based Cross Hybrid Nanofluid Flow with Entropy Generation. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-11.	1.5	18

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20	Entropy minimization in Darcy Forchheimer on Sutterby nanofluid past a stretching surface with swimming of gyrotactic microorganisms. Waves in Random and Complex Media, 0, , 1-24.	1.6	5
21	A fractional order numerical study for the influenza disease mathematical model. AEJ - Alexandria Engineering Journal, 2023, 65, 615-626.	3.4	12
22	Supervised neural learning for the predator-prey delay differential system of Holling form-III. AIMS Mathematics, 2022, 7, 20126-20142.	0.7	3
23	Artificial neural network-based heuristic to solve COVID-19 model including government strategies and individual responses. Informatics in Medicine Unlocked, 2022, 32, 101028.	1.9	4
24	Prediction of thermal and energy transport of MHD Sutterby hybrid nanofluid flow with activation energy using Group Method of Data Handling (GMDH). Computational and Applied Mathematics, 2022, 41, .	1.0	3
25	MHD mixed convective stagnation point flow of nanofluid past a permeable stretching sheet with nanoparticles aggregation and thermal stratification. Scientific Reports, 2022, 12, .	1.6	13
26	The radiative flow of the thin-film Maxwell hybrid nanofluids on an inclined plane in a porous space. Frontiers in Energy Research, 0, 10, .	1.2	3
27	Thermal Radiation Energy Performance on Stagnation-Point Flow in the Presence of Base Fluids Ethylene Glycol and Water over Stretching Sheet with Slip Boundary Condition. Energies, 2022, 15, 7965.	1.6	2
28	A Significant Role of Activation Energy and Fourier Flux on the Quadratically Radiated Sphere in Low and High Conductivity of Hybrid Nanoparticles. Symmetry, 2022, 14, 2335.	1.1	6
29	Numerical Computation of SEIR Model for the Zika Virus Spreading. Computers, Materials and Continua, 2023, 75, 2155-2170.	1.5	1
30	Theoretical analysis of induced MHD Sutterby fluid flow with variable thermal conductivity and thermal slip over a stretching cylinder. AIMS Mathematics, 2023, 8, 10146-10159.	0.7	17
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32	Effect of Cattaneo-Christov heat flux case on Darcy-Forchheimer flowing of Sutterby nanofluid with chemical reactive and thermal radiative impacts. Case Studies in Thermal Engineering, 2023, 42, 102737.	2.8	21
33	Chemically reactive hybrid nanofluid flow past a Riga plate with nonlinear thermal radiation and a variable heat source/sink. Frontiers in Materials, 0, 10, .	1.2	0
34	Mohand homotopy transform scheme for the numerical solution of fractional Kundu-Eckhaus and coupled fractional Massive Thirring equations. Scientific Reports, 2023, 13, .	1.6	7