Basic Information :

Name :	Elsayed Mohamed Tag Eldin
Title :	Professor

Education:

Certificate	Major	University	Year
PhD			2000
Masters			1996
Bachelor			1993

Teaching Experience:

Name Of Organization	Position	From Date	To Date
FUE	Dean	02/01/2021	Current

Researches / Publications :

Self-Lubricating Pulsed Ion Beam-Assisted PTFE Coating of Titanium in Argon Discharge to Tailor Wear Resistance and Friction

A Proposed Three-Phase Induction Motor Drive System Suitable for Golf Cars

Thermally Dissipative Flow and Entropy Analysis for Electromagnetic Trihybrid Nanofluid Flow Past a Stretching Surface

Hepatitis B among University Population: Prevalence, Associated Risk Factors, Knowledge Assessment, and Treatment Management

Mixed convection flow of an electrically conducting viscoelastic fluid past a vertical nonlinearly stretching sheet

Numerical analysis of thermal transportation in nanodiamond and silver-based nanofluid using the Cattaneo. Christov heat flux model

Thermal characteristics of kerosene oil-based hybrid nanofluids (Ag-MnZnFe2O4): A comprehensive study

Numerical Hydromagnetic Thermal Mechanism in Chemically Reacting Fluid Over a Radiative Melting UPHSR With Resistive Heating

Heat Transport Exploration for Hybrid Nanoparticle (Cu, Fe3O4)-Based Blood Flow via Tapered Complex Wavy Curved Channel with Slip Features

Smart Android Based Home Automation System Using Internet of Things (IoT)

Thermal efficiency in hybrid (Al2O3-CuO/H2O) and tri-hybrid (Al2O3-CuO-Cu/H2O) nanofluids between converging/diverging channel with viscous dissipation function: Numerical analysis

Peristaltic flow of a viscous fluid in a curved duct with a rectangular cross section

The Dynamics of Water-Based Nanofluid Subject to the Nanoparticleș Radius with a Significant Magnetic Field: The Case of Rotating Micropolar Fluid

Numerical simulation of ternary nanofluid flow with multiple slip and thermal jump conditions

COVID-19 Vaccines Related Userș Response Categorization Using Machine Learning Techniques

Significance of Convection and Internal Heat Generation on the Thermal Distribution of a Porous Dovetail Fin with Radiative Heat Transfer by Spectral Collocation Method

Insight into the Role of Nanoparticles Shape Factors and Diameter on the Dynamics of Rotating Water-Based Fluid

Structural and Electronic Properties of SnO Downscaled to Monolayer

Linear and quadratic convection significance on the dynamics of MHD Maxwell fluid subject to stretched surface

MHD williamson nanofluid flow in the rheology of thermal radiation, joule heating, and chemical reaction using the Levenberg. Marquardt neural network algorithm

Significance of bio-convection, MHD, thermal radiation and activation energy across Prandtl nanofluid flow: A case of stretching cylinder

Multi-Stage Optimization of LHTESS by utilization of Y-shaped Fin in a rectangular enclosure

A Novel Decentralized Blockchain Architecture for the Preservation of Privacy and Data Security against Cyberattacks in Healthcare

Simulation of natural convection of n-Hexadecane paraffin inside a porous chamber

Significance of Thermal Phenomena and Mechanisms of Heat Transfer through the Dynamics of Second-Grade Micropolar Nanofluids

An Optimization on the Neuronal Networks Based on the ADEX Biological Model in Terms of LUT-State Behaviors: Digital Design and Realization on FPGA Platforms

Numerical Investigation of the Fredholm Integral Equations with Oscillatory Kernels Based on Compactly Supported Radial Basis Functions

A new statistical approach for modeling the bladder cancer and leukemia patients data sets: Case studies in the medical sector

Exploring energy storage methods for grid-connected clean power plants in case of repetitive outages

Simulation of solar thermal panel systems with nanofluid flow and PCM for energy consumption management of buildings

Hydro-thermal and economic analyses of the air/water two-phase flow in a double tube heat exchanger equipped with wavy strip turbulator

A New Tobit Ridge-Type Estimator of the Censored Regression Model With Multicollinearity Problem

Characterization of the Induced Magnetic Field on Third-Grade Micropolar Fluid Flow Across an Exponentially Stretched Sheet

Investigation of thermal performance of a shell and tube latent heat thermal energy storage tank in the presence of different nano-enhanced PCMs

Extended hyperbolic function method for the (2+ 1)-dimensional nonlinear soliton equation

Detection of Distributed Denial of Service (DDoS) Attacks in IOT Based Monitoring System of Banking Sector Using Machine Learning Models

The Role of the Accumulated Surface Charge on Nanoparticles in Improving the Breakdown Strength of Liquid and Solid Insulation

Solitary wave solutions for a strain wave equation in a microstructured solid

Bio-Convection Effects on Prandtl Hybrid Nanofluid Flow with Chemical Reaction and Motile Microorganism over a Stretching Sheet

New Two-Parameter Estimators for the Logistic Regression Model with Multicollinearity

Multi-Objective Quantum-Inspired Seagull Optimization Algorithm

Measurement of Power Frequency Current including Low- and High-Order Harmonics Using a Rogowski Coil

Modified Interactive Algorithm Based on Runge Kutta Optimizer for Photovoltaic Modeling: Justification Under Partial Shading and Varied Temperature Conditions

Optimal Charging/Discharging Decision of Energy Storage Community in Grid-Connected Microgrid Using Multi-Objective Hunger Game Search Optimizer

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