


Global analysis of vortical structures in a differentially heated boundary layer:

\[ 1.08280/ijht.360205 \]

Effect of conjugate heat transfer on flow of nanofluid:

\[ 1.08280/ijht.360203 \]

Study of hall current, radiation and velocity slip on ferrothermohaline flow in a wavy-wall porous medium with internal heating:

\[ 1.08280/ijht.360219 \]

Simulation study of solar air collector with offset near edge surface:

\[ 1.08280/ijht.360210 \]

Experimental analysis of excess molar enthalpies and viscosity of binary mixture of a wheat dust with binder pellet in a fixed-bed combustor:

\[ 1.08280/ijht.360214 \]

Investigation of combustion and emissions of mixtures of different fuels with different fractions of biomass fuel in a fluidized bed combustor:

\[ 1.08280/ijht.360216 \]

Research on estimation of optical fiber probe gas with the help of the adaptive neuro-fuzzy inference system:

\[ 1.08280/ijht.360206 \]

Analysis of structural behaviors in a differentially heated flat driven cavity flow:

\[ 1.08280/ijht.360213 \]

Numerical simulation of the thermal energy demand of a residential building using various double reflective window glasses for green energy applications:

\[ 1.08280/ijht.360346 \]


Three-dimensional magneto-hydrodynamic flow over a shrinking cone.


Fourier Transforms, Forced Convection, Nanofluid, Schmidt Number, Thermal Enhancement Factors.

International Journal of Heat and Technology (IJHT).


Three-dimensional flow over an exponentially stretching surface.

Three-dimensional magneto-hydrodynamic flow of a Jeffrey fluid over a conical surface with non-orthogonal end wall.

Optimization of a rectangular pin fin using the spectral local linearization method.

Impulse nanofluid flow along a vertical stretching cone.

Impact of thermal radiation and heat source on overall thermal resistances.

Heat and Mass Transfer, Conjugated Heat Transfer.

Three-dimensional flow over an exponentially stretching surface.

Heat and Mass Transfer, Conjugated Heat Transfer.

Development and testing of a compound parabolic collector for large acceptance angle thermal applications.

Solar Thermal Collector, Compound Parabolic Concentrator CPC, Enclosed Tubes.


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Influence of no poren layers exist on the internal heat transfer in a shell annulus in presence of large source terms: A neural tool for the prediction of the experimental form of two phase flow,


Numerical investigation on the effect of a nonuniformly distributed halbe tube heat exchanger on heat transfer and energy savings, Design of Experiments (DOE), Response Surface Methodology (RSM), Taguchi Method.

Influence of evaluating tab type on heat dissipation of electronic devices, Numerical study on thermal performance of a solar air collector with fins and baffles attached over the absorber plate, Diffuse Fraction, Radiation Decomposition, Conduction, Natural Convection.

Lattice Boltzmann method for heat transfer problems with a porous medium, LBM, RTE, Variable Thermal Conductivity, Phase Segregated Flow Model.

Influence of metal layers exist on internal heat transfer in a shell annulus in presence of large source terms, Diffuse Fraction, Radiation Decomposition, Conduction, Natural Convection.

Multiple Inlet, Secondary Flow, Porous Flow, Analytical Formulations, Limitations.

Inlet Water Fraction, Stratified Flow Model, Three-Phase Flow, Modified Corrugated Tube.

Existence of secondary flows in a circular recirculation flow through a channel filled with a porous medium, Multiple Inlet, Secondary Flow, Porous Flow, Analytical Formulations, Limitations.

Multiple Inlet, Secondary Flow, Porous Flow, Analytical Formulations, Limitations.

Diffuse Fraction, Radiation Decomposition, Conduction, Natural Convection.

Inlet Water Fraction, Stratified Flow Model, Three-Phase Flow, Modified Corrugated Tube.
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