

Liquid Propellant Rocket Combustion Instability Modeling			
Analysis of Detonation Mechanism and Wave Propagation in Nongaseous Explosives			
Experimental and Numerical Investigation of Stratified Flows to Develop a Mathematical Model of Particles Laden Density Current			
The Enhanced Nucleate Pool Boiling of Non CFC Refrigerants on Selected Enhanced Tubes: Experimental and Analytical/ Empirical Modeling			
Acoustic Instability in Solid Propellant Rocket Motors			
Moving Surface Temperature Identification with Inverse Analysis			
Modeling and Simulation of Pulsating Turbulent Flows and Their Application to Turbochargers Analysis			
Thermal Hydraulic Modeling and Optimization of a Falling Film Lithium Bromide			
A Numerical Study of Aerodynamic Sound Generation and Propagation Around Transportation Vehicles			
A Numerical Investigation on Rotating Stall in Axial Compressors			
Investigating the Internal Turbulent Swirling Flow, Single and Two Phase Flow			
Aerodynamic Seal of Tip Leakage Flow in a Transonic Axial Compressor			
Aerodynamic Characteristic of Wrap-Around Super Sonic Missiles Using Numerical Simulation and Wind Tunnel Testing			
Performance of a Concentric Annular Heat Pipe and its Use in Heat Exchangers			

Heat and Mass Transfer in Wavy Falling Film Over a Cooled Horizontal Tube			
Heating and Cooling Energy Modeling in Residential buildings			
Numerical Simulation of Two-Phase Turbulent Flows (Application in Gas Turbine)			
Thermal Performance Evaluation of Courtyards		...	

Development of a Noninvasive Method for Characterizing Tissue Vascularization Using MRI MRI			
An Optimization Method for Improvement of Images in Electrical Impedance Tomography (IET)			

Dynamic and Vibrational Analysis of Structures Under Dynamic Loads Induced by Traveling Masses			
Nonlinear Modeling and Control of Active Electromagnetic Bearings			
Design, Analysis and Simulation of Active Noise Control (ANC) Systems			
First Order Decoupling of Equations of Motion for Multi-Elastic Body Systems Using Kane's Method and Congruency Transformations			
Analysis of a Group of Nonlinear and Parametric Vibrating Systems			
Theoretical Investigation of Chaotic Behavior in Dynamical Systems			
Simulation and Dynamic Control of Four Motorized Wheel Electric Vehicle			
Kinematic and Dynamic Modeling and Analysis of a Manipulator Attached on a Moving Base			
Modeling and Design of an Adaptive Engine Hydromount			
Large Deformation Dynamic Analysis of Stiffened Laminated Composite Plats Using P-Approximation Finite Element Method P			
Element Free Galerkin Method (EFGM) Interface Crack Stress Analysis			
Analytical Study of Interlaminar Stresses in Rectangular and Circular Laminate Due to Various Loading Conditions, Inertia, Thermal, and Hygroscopic Effects			
Modeling and Impedance Control of a Flexible Robotic Arm			
Nonlinear Vibration Analysis of Beams on the Viscoelastic Foundation Subjected to a Moving Mass			
Analysis of Stress Field in Composite Beams With Delamination Due to Various Loading Conditions, Thermal, And Hygroscopic Effects Using Elasticity and Techincal Engineering Theories			

Detection and Control of Chaos in Electromagnetic Bearings			
Modeling and Control of Parameters Affecting Oscillating Microgyroscope Performance			