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Nota di contenuto	Intro -- Preface -- Contents -- Dynamics, Vibrations and Acoustics -- Calculation of Dispersion Curves in the Composite Graphite-Epoxy Plate by a Hybrid Analytic Method -- 1 Introduction -- 2 Guided Waves Theory -- 3 Hybrid Method -- 4 Dispersion Curves of Graphite-Epoxy Composite -- 5 Displacement and Stress Profiles of the Graphite-Epoxy Composite Plate at 0° -- 6 Conclusion -- References -- Active Vibration Control of Non-uniform Section Beam -- 1 Introduction -- 2

Mathematical Model -- 3 Dynamic Equation and State Space Model -- 4 Results and Discussion -- 5 Conclusion -- References -- Solid and Structural Mechanics Modeling -- Numerical Study of the Effect of the Brace Inclination on the Stress Concentration Factor for Three Different Welded Tubular Y-Joints Subjected to Deflected Bending Load -- 1 Introduction -- 2 Dimensions and Mechanicals Properties -- 3 Finite Element Analysis -- 3.1 Numerical Model -- 3.2 Mesh Convergence Studies -- 3.3 Loading and Boundary Conditions -- 3.4 Numerical Model Validation -- 4 Results and Discussions -- 5 Conclusion -- References -- Coupling of the Method of Fundamental Solutions and the Domain Decomposition Technique for Solving Laplace Equation -- 1 Introduction -- 2 Coupling of the Method of Fundamental Solutions with the Domain Decomposition Technique for the Laplace Equation -- 3 Numerical Applications and Discussions -- 3.1 Square Domain -- 3.2 Circular Domain -- 4 Conclusion -- References -- Modeling Elastoplastic Structures in Finite Transformation by a High-Order Algorithm -- 1 Introduction -- 2 Finite Transformation Elastoplasticity Problem and the Proposed Algorithm -- 3 Numerical Discussion -- 4 Conclusion -- References -- Dynamic Modeling of the Multilayered Piezoelectric Beams Based on the Pseudo-Stroh Formalism -- 1 Introduction -- 2 Mathematical Modeling.

2.1 Geometry of Problem and Constitutive Equations -- 2.2 Pseudo-Stroh Formalism -- 3 Numerical Results and Discussion -- 3.1 Example 1: Mechanical Loading -- 3.2 Example 2: Electric Loading -- 3.3 Example 3: Dynamic Response Along the Thickness -- 4 Conclusion -- References -- Integrated Design and Production, Manufacturing Processes -- Detailed Study of Endurance and Takeoff Distance Effect on Pre-sizing of Unmanned Aerial Vehicle -- 1 Introduction -- 2 Summary Presentation of the Adapted Pre-sizing Method -- 3 Effect of Endurance and Take-Off Distance on Pre-sizing of an uav (with One and Two Engines) -- 3.1 Effect of Endurance -- 3.2 Effect of Takeoff Distance -- 4 Conclusion -- References -- Porous Media and Granular Media -- Infiltration in Unsaturated Porous Media: Phenomenology and Modeling (Overview) -- 1 Introduction -- 2 The MMF Infiltration Model: Moving Multi-front -- 2.1 Summary -- 2.2 Presentation of the MMF Model -- 2.3 Review of Applications and Tests of the MMF Model -- 3 Infiltration Phenomena with Layers and Obstacles: Capillary Barrier Effects and Perched Water -- 3.1 Summary -- 3.2 Capillary Barrier Effect: Vertical Infiltration in a Two-Layer Soil -- 3.3 Formation of a Perched Water Table Due to a Clay Lens -- 4 Drip Irrigation: Dynamics of Moisture Plume and Poned Zone During Point and Line Source Infiltration -- 4.1 Summary -- 4.2 The Kirchhoff-Based Infiltration Model in Axial and Plane Symmetry with Surface Ponding -- 4.3 Simulated Moisture Plumes and Poned Zones -- 4.4 Theoretical Analyses of Surface Ponding Dynamics -- References -- Fluids Mechanics, Rheology, Hydrodynamics Instabilities and Transition -- Bifurcation Analysis of Incompressible Fluid Flow by a High Order Mesh-Free Indicator with Padé Approximants -- 1 Introduction -- 2 Governing Equations -- 3 Description of the Mesh-Free Indicator. 3.1 Solving the Nonlinear Problem -- 3.2 Continuation Techniques and Singular Point Detection -- 3.3 Post-critical Branches Determination -- 4 Numerical Results -- 5 Conclusion -- References -- Three-Dimensional Numerical Investigation of a New Drag Reduction Device Applied to Ahmed Body -- 1 Introduction -- 2 Numerical Modeling -- 3 Test Configuration -- 4 Results and Discussions -- 5 Conclusion -- References -- Effect of Load on Minimum Film Thickness in Non-Newtonian MEHD Parabolic Slider Bearing -- 1 Introduction -- 2

Problem Position and Resolution -- 3 Results -- 4 Conclusion --  
References -- Linear Stability Analysis of Viscoelastic Fluids in a Plane  
Channel Flow -- 1 Introduction -- 2 Problem Formulation -- 2.1  
Physical Model and Governing Equations -- 2.2 Base State and Linear  
Stability Analysis -- 3 Results and Discussion -- 3.1 Eigenspectrum --  
3.2 Marginal Stability -- 4 Conclusion -- References -- Faraday  
Instability in Hele-Shaw Cell with Two Commensurate Frequencies  
Forcing -- 1 Introduction -- 1.1 Mathematical Formulation -- 1.2  
Governing Equations -- 1.3 Boundary Conditions -- 1.4 Linear Problem  
Formulation -- 1.5 Normal Mode Analysis -- 2 Results and Discussion  
-- 3 Conclusion -- References -- Heat Transfer, Mass Transfer,  
Renewable Energy and Environment -- Numerical Study of Latent Heat  
Discharge of a Phase Change Material Shell-and-Tube Thermal Energy  
Storage System -- 1 Introduction -- 2 Physical and Mathematical Model  
-- 3 Results and Discussion -- 3.1 Time Wise Variation of HTF's  
Temperature -- 3.2 Time Wise Variation of HTF Charge Rate,  $Q$  -- 3.3  
Time Wise Variation of the PCM's Liquid Fraction,  $f$  -- 4 Conclusion --  
References -- Numerical Evaluation of the Petroleum Coke and Biomass  
Co-combustion in Rotary Cement Kilns -- 1 Introduction -- 2  
Characterization of Alternative and Fossil Combustibles.  
3 CFD Model for Co-combustion in Rotary Cement Kiln -- 3.1 Standard  
 $k$ - Model -- 3.2 Eddy Dissipation Model FR/ED -- 4 Operatory Entry  
Conditions -- 5 Results and Discussion -- 6 Conclusion -- References  
-- Impact of the Improvement of the Performance of Thermoelectric  
Modules on Its Efficiency -- 1 Introduction -- 2 Configurations: Co-  
current and Counter-Current -- 3 Mathematical Model -- 4 Results and  
Discussion -- 5 Conclusion -- References -- Analytical and Numerical  
Accurate Solutions of the Steady Convection-Diffusion in Potential Flow  
Around a Circular Cylinder Heated with Uniform Heat Flux -- 1  
Introduction -- 2 Mathematical Formulation and Analysis -- 2.1  
Problem Description -- 2.2 Energy Equation and Boundary Conditions  
-- 2.3 Analytical Solution -- 3 Numerical Method -- 3.1 Analytical  
Method to Handle the Singularity -- 3.2 Description of Numerical  
Method -- 4 Results and Discussion -- 5 Conclusion -- References --  
Simulation of Combined Thermal Mixed Convection and Radiation  
in a Discretely Heated Lid-Driven Cavity using a Lattice Boltzmann  
Method -- 1 Introduction -- 2 Description of the Problem  
and Mathematical Formulation -- 3 Numerical Validation and Grid  
Independence Test -- 4 Results and Discussion -- 5 Conclusions --  
References -- Study of Thermal Conduction Within Two Orthotropic  
Mediums in Geometry Cylindrical Subjected to a Flux Varying  
Longitudinally on the Lateral Surface -- 1 Introduction -- 2 Problem  
Formulation -- 3 Problem Solving -- 4 Results and Discussion -- 5  
Conclusion -- References -- Improved Heat Transfer by Using  
a Channel with Wavy Surface -- 1 Introduction -- 2 Geometric  
Configuration and Formulation of the Problem -- 3 Numerical Method  
-- 4 Results and Discussion -- 5 Conclusions -- References --  
Modified Thermo-Physical Properties and Thermal Behavior of  
Plasterboards with Different Mixing Water Ratios.  
1 Introduction -- 2 Materials and Methods -- 2.1 Plaster Matrix and  
Sample Preparation -- 2.2 Experimental Setup and Measurement  
Techniques -- 3 Results and Discussion -- 3.1 Analysis of the Thermo-  
Physical Properties -- 3.2 Assessment of the Thermal Behavior -- 4  
Mechanical Performance: A Brief Analysis -- 5 Conclusion --  
References -- Numerical Analysis of Mixed Convection in a Ventilated  
Square Cavity Containing a Circular Heat-Generating Cylinder -- 1  
Introduction -- 2 Mathematical Model -- 3 Results and Discussion --  
3.1 Streamlines and Isotherms -- 3.2 Maximum Temperature -- 4

Conclusion -- References -- Effect of Fineness and Ash Replacement Rate on Mortar Physical Properties: An Experimental Investigation -- 1 Introduction -- 2 Methods and Materials -- 2.1 Materials Preparation -- 2.2 Water Absorption -- 2.3 Thermal Properties Measurement -- 2.4 Mechanical Properties Measurement -- 3 Results and Discussions -- 3.1 Water Absorption -- 3.2 Thermal Properties -- 3.3 Bending and Compressive Strength -- 4 Conclusion -- References -- Author Index.

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Sommario/riassunto

This book reports on innovative research in solid and fluid mechanics, and thermal engineering, giving a special emphasis on methods, modeling, and simulation tools for analyzing material behavior and energy systems. It gathers the best papers presented at 15th International Moroccan Congress of Mechanics "Congrès de Mécanique", CMM 2022, held on May 24-27, 2022, in Casablanca, Morocco, and organized by the Moroccan Society of Mechanics (SMSM) and the Faculty of Science Ain Chock of the University of Hassan II, Casablanca, Morocco. With a good balance of theory and practice, the book offers a timely snapshot of current advances in mechanics, and a source of inspiration for future research and international collaborations.

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