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Altri autori (Persone)	PramujatiBambang
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Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Advances in Applied Mechanics and Materials; Editorial Note; Table of Contents; Chapter 1: Energy Conversion; Design of a Bubbling Fluidized Bed Gasifier for the Thermochemical Conversion of Oil Palm Empty Fruit Bunch Briquette; Laminar Flow Past a Circular Cylinder: Reduction of Drag and Fluctuating Lift Using Upstream and Downstream Rods; Trans-Esterification of Triglycerides with Methanol on Sulfated Zirconia Prepared with Different Concentration of Sulfuric Acid; Numerical Studies on R22 Refrigerant Compressor Using Environment Friendly Working Fluids Case Studies Thermal Analysis of HP Condensate Stabilizer ColumnThe Influence of Hydrogen Addition to Diesel Fuel Spray Combustion for Different Atomization Conditions; Hydrogen Production from Acetic Acid Steam Reforming over Bimetallic Ni-Co on La ₂ O ₃ Catalyst-Effect of the Catalyst Dilution; Driving Efficiency through Hydrocarbon for Green Car Air Conditioning; Air to Air Ejector with Various Divergent Mixing Chambers; Kamojang Geothermal Power Plant Unit-1 : 30 Years of Operation; Flow Visualization Pattern on Sharp Edge T-Junction through Dividing Flow Channel An Experimental Study on the Vertical Flow Past a Finite-Length Horizontal Cylinder at Low Reynolds NumbersEffect of Air Conditioning

Position on Thermal Comfort in the Floor Air Conditioning System; Computational Fluid Dynamic Using Parallel Loop of Multi-Cores Processor; Experimental Studies on a Solar Air Heater Having V-Corrugated Absorber Plate with Obstacles Bent Vertically; Energy Savings in Air Conditioning System Using Ejector: An Overview; Empirical Correlations for Sizing Adiabatic Capillary Tube Using LPG as Refrigerant in Split-Type Air-Conditioner
Validation of AWTsim as Aerodynamic Analysis for Design Wind Turbine Blade
Numerical Study on the Influence of the Corner Curvature of Circular Micropillar on Microdroplet Size via a Dewetting Process; Redesign ITS Central Library through Smart Building; Optimization of Maximum Lift to Drag Ratio on Airfoil Design Based on Artificial Neural Network Utilizing Genetic Algorithm; Carbon Dioxide Effects on the Flammability Characteristics of Biogas; Heat Transfer Effectiveness and Coefficient of Pressure Drop on the Shell Side of a Staggered Elliptical Tubes Bank
Experimental Study on the Effect of Reynolds Number Variation on Drag Force for Various Cut Angle on D-Type Cylinders
Performance of Conical Diffuser on Liquid Jet Gas Ejector; An Investigation into the Effect of Drag Coefficient on Overtaking of Car; Effects of Pine Oil on Dynamics of Bubble in Froth Flotation; Study on Auto-Ignition Behavior of Lubricating Oil in a Cone Calorimeter; Solar Driven Absorption Chiller for Medium Temperature Food Refrigeration, a Study for Application in Indonesia; The Effect of Water Droplet Size on the Extinguished Concentric Jet Premixed and Diffusion Flame
Gaining the Enthalpy of Solid Yields Formation in the Process of Waste Pyrolysis

Sommario/riassunto

Collection of selected, peer reviewed papers from the International Conference on Mechanical Engineering (ICOME 2013), September 19-21, 2013, Mataram, Lombok, Indonesia. The 130 papers are grouped as follows: Chapter 1: Energy Conversion; Chapter 2: Mechanical Design; Chapter 3: Manufacturing Processes and Technologies; Chapter 4: Material Science and Engineering
