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Altri autori (Persone)	ZhouzhouYiyi LuoQi
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Nota di contenuto	Chemical, Mechanical and Materials Engineering; Preface, Organizing Committee; Table of Contents; Research on Improvement Algorithm of Model Free Learning Adaptive Controller; Synthesis of CdS/CdCO ₃ Core/Shell Structural Nanocrystals Potentially Used for Solar Cell via Hydrothermal Route; Forward Kinematics Analysis of a Four-Cable-Driving Parallel Robot; Probability Boxes and DS Structures' Research Prospects in the Mechanical Fault Signals Data Fusion; Effects of Ca Addition into AZ91D Alloy on Structure and Tensile Fracture Behavior Determination of Benzopyrene in Mainstream and Sidestream SmokeThe Effects of Filter Ventilation on Flavor Constituents in Cigarette Smoke; Effect of Different Ratio of Cake Fertilizer and Inorganic Fertilizer on Free-Amino Acids in Burley Leaves; Influence of Total Solid and Stirring Frequency on Performance of Dry Anaerobic Digestion Treating Cattle Manure; A New Rough Machining Approach for a Ruled Surface Impeller; The Study of Energy Savings of Separation Quaternary Mixture with Thermally Coupled Distillation Preparation and Exothermic Characterization of Dioctyl Sebacate (DOS)-

Coated Aluminum Nanopowders Application of Genetic Algorithm in Chemical Reaction Kinetics; Molten Slag Structure and Diffusion Coefficients of Cr³⁺ and Si⁴⁺ during Micro-Carbon Cr-Fe Alloy Production; Dynamic Crushing of Hexagonal Honeycombs under In-Plane Loading; Application of LOD Technology in the 3DVR Remote Control Platform for Shearer; Bearing Fault Diagnosis Based on Probability Boxes Theory and SVM Method; Study on Industry Process of the Rubber Anti-Oxidant RD

The Simplified Method to Calculate Two-Dimensional Heat Conduction Equations of Heating Slab Research the Formulation of Triazophos Microemulsion; Effect of Solution Treatment on Microstructure and Mechanical Properties of ZL114A Alloy; The Effect of Electrodes' Making Methods on the Electrochemical Performance of Nano-Ni(OH)₂; Effect of Welding Parameters on Stress Distribution of Weld-Bonded Joints; Microstructures and Creep Behaviour of Mg-4Al Alloy Containing Sr and Ca; Delayed-State-Feedback Fault-Tolerant Control for Fuzzy

Markovian Jumping Systems

Deformation Analysis of Lateral Support of 600mm Aperture Interferometer Mirrors Research on the Microstructure and High Temperature Creep Behavior of In Situ TiC/Ni Composite; Improved Design for the Device of Biomass Pyrolysis; Research on Lubrication Properties of Water-Lubricated Rubber Bearing Based on Fluid Structure Interaction; Mechanical and Magnetic Analysis of Giant Magnetostrictive Transducer; A Modified Dynamical Ternary Model; The Effect of Particle Size on the Properties of Alumina-Based Ceramic Core; Marbles Filter Based on Optical Fiber Sensor

Synthesis and Characterization of Nanocrystalline Diamond Films Deposited by Microwave Plasma Chemical Vapour Deposition

Sommario/riassunto

The 2011 International Conference on Chemical, Mechanical and Materials Engineering (CMME 2011) was held in Guangzhou, China, on the 8-10th July, 2011, and served as a platform for expertise exchange; drawing the attention of researchers from disciplines such as chemical, mechanical and materials engineering, etc. The proceedings, with 57 peer-reviewed papers, offer an up-to-date review of the subject matter.
