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Altri autori (Persone)	YangDehuai
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Probabilistic Design for Concrete Durability in Marine Environment
Random Walk Monte Carlo Simulation of Diffusive Ferromagnetic Ising Spin under Lennard-Jones InteractionMonte Carlo Simulation and Artificial Neural Network Modeling of Ferro-and Antiferro-Transition Behavior in Two Dimensional Binary Alloy; Chapter 2: Mechanical Engineering; Failure Analysis of Fractured S135 Grade Drill Pipe; The Transmissibility Function Application in Ship Mechanical Noise Estimation; A Critical Analysis on the Cyclic Fatigue Testing of Rotary Endodontic Instrument; Experimental Research on Water Cushion Belt Conveyor
Research on Spiral Teeth Volume of Driven Rotor with Fixed Cross RollingMachining Method for Cycloid Approximating Involute and Straight Lines; Finite Element Modelling to Predict Equivalent Stiffness of 3D Space Frame Structural Joint Using Circular Beam Element; Mechanical Properties and Thermal Behavior of Thermoplastic Polyurethane Toughening Polylactide Prepared by Vane Extruder; The Feature Parametric Design of Crankshaft for Reciprocating Compressor; Eccentricity Measurement of Auto-Hub's Pitch Circle; Dynamic Analysis of Wind Turbine Tower-Foundation with Stiffeners
Selecting of the Temperature Measurement Points for Positioning Platform with Large Trip and High Precision Thermally Induced Error Compensation ModelCH4/Air Mesocombustor at 3 Bar: Numerical Simulation and Experiments; A New Type of Muddy Sediment Undisturbed Gravity Sampler in Shallow Waters; Control of Unstable Flow Using Rough Surfaces; Aseismic Performance Analysis of High-Strength Concrete Circular Pier; A Numerical Approach of the Influence of Elliptic Inclusions on the Dynamic Behavior of One End Supported Beams
Evaluation of Stress Intensity Factor of 316 SS LN Circular Grid Plate Hardfaced with Colmonoy 5 for Various Loads

Sommario/riassunto

Collection of selected, peer reviewed papers from the 2013 International Conference on Mechanical Engineering, Industrial Materials and Industrial Electronics (MII 2013), September 1-2, 2013, Hong Kong. The 64 papers are grouped as follows: Chapter 1: Applied Materials; Chapter 2: Mechanical Engineering; Chapter 3: Mechatronics, Robotics, Control and Automation; Chapter 4: Engineering Management.