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Altri autori (Persone)	XuB LiH. Y
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and indexes.
Nota di contenuto	Mechanical Engineering, Intelligent System and Applied Mechanics; Preface, Committees and Sponsors; Table of Contents; Chapter 1: Research and Design Works in Mechanical Engineering; Design & Calculation of Air Chamber of Air Cushion Belt Conveyor; Study on Mechanical Automation with a New Method for Defining the Calculation Window of Shear Wave Splitting; Reset Parameters Analysis of the Passive Deformation Mobile Robot Platform; A Study on Technical Performance and Test Methods of Crawler Transporters for Construction of Transmission Lines in Mountainous Areas Dynamic Response for Collision Load between Over-Height Truck and Curved Beam Bridge Deformation Behaviors of Partial Diameter-Enlargement Part Worked under Combination Loading of Torsion and Pressure; Basic Research on New Near-Net-Shape Working Method for Processing Multistage Shaft; Failure Mechanism Analysis of Electromagnetic Relay under Mechanical Impact; Relative Attitude Determination of Formation Spacecraft Based on Flight Mechanics; Synergy Micro-Electronics Technology with a High Linearity BiCMOS Sample-and-Hold Circuit; Chapter 2: Materials and Chemical

Technologies

Agostic Hydrogen Bond between Cu(I and II) and [2-Hydroxy-1(S)-Methyl]-Containing N-Methylglycine
The Study of SiC Surface Cleaning by Hydrogen Plasma; Photochromic and Kinetics Properties of a New Symmetrical Diarylethene Containing a Terminal Hydroxyl;
Photochromic Kinetics of a Diarylethene Bearing an Azido Moiety in Solution and in PMMA Amorphous Film; Study on Photochromic Materials of 1-(2-benzyl)-2-[2-methyl-5-(10-phen-anthrenyl)-3-thienyl]Perfluorocyclopentene; Synthesis and Properties of 1-(2-trifluoromethylphenyl)-2-[2-methyl-5-(3-N,N-dimethylphenyl)-3-thienyl]perfluorocyclopentene
Synthesis and Photochromism Studies of 1-(2-Methyl-3-Benzothiophenyl)-2-[2-Methyl-5-(4-Azidomethyl)-3-Thienyl]Perfluorocyclopentene
Syntheses and Properties of 1-(2-ethyl-1-benzofuran-3-yl)-2-(2-methyl-1-benzothiophene-3-yl)Perfluorocyclopentene; Materials with Synthesis and Properties of Photochromic Diarylethene; A Photochromic Diarylethene Bearing a Six-Membered Aryl Unit; Synthesis and Properties of 1-[(2-Methyl-5-Dioxolane)-1-Thienyl]-2-[(2-Methyl)-5-(4-Methoxy)Phenyl-3-Thienyl]perfluorocyclopentene
Synthesis and Photochromic Properties of 1-(3-methyl-2-pyridyl)-2-[2-methyl-5-(4-formylphenyl)-3-thienyl]perfluorocyclopentene
Aerobic Production of Butanol with *Bacillus amyloliquefaciens* NELB-12; The Application of Carbon Fiber Materials in Tennis Racket; The Application of Rubber Materials on Table Tennis Racket; Numerical Simulation of Springback of the Multi-Point Forming for Metal Plank after Using Elastic Cushion; Dynamic Simulation Test on Scale Inhibition of Secondary Effluent of Sewage Treatment Plant Directly Reused in Power Plant Circulating Cooling Water System
An FE-BE Research on the Acoustical Sensitivity of Submerged Elastic Structures

Sommario/riassunto

Collection of selected, peer reviewed papers from the 2013 International Conference on Mechanical Engineering and Applied Mechanics (MEAM 2013), December 21-22, 2013, Wuhan, China. The 57 papers are grouped as follows: Chapter 1: Research and Design Works in Mechanical Engineering, Chapter 2: Materials and Chemical Technologies, Chapter 3: Control, Intelligent Systems and Information Technology