1. Record Nr. UNINA9910900801303321

Autore	FAO
Titolo	International source-book on irrigation and drainage of arid lands in relation to salinity and alkalinity / Food and agriculture organization, United Nations Educational, Scientific and Cultural Organization
Pubbl/distr/stampa	[Rome], : F.A.O. Paris, : UNESCO, [1967]
Edizione	[Dratf edition]
Descrizione fisica	663 p. ; 27 cm
Disciplina	631.7
Locazione	FAGBC
Collocazione	A AGR 1728
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9911004726403321

Titolo	Advanced design and manufacture II / / edited by Daizhong Su, Qingbin Zhang, Shifan Zhu
Pubbl/distr/stampa	Stafa-Zurich, Switzerland ; ; Enfield, N.H., : Trans Tech, c2010
ISBN	3-03813-367-1 1-61344-675-6
Descrizione fisica	1 online resource (897 p.)
Collana	Key engineering materials, , 1013-9826 ; ; v. 419/420
Altri autori (Persone)	SuDaizhong ZhangQingbin <1964-> ZhuShifan <1963->
Disciplina	620.0042
Soggetti	Manufacturing processes Engineering design Materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Advanced Design and Manufacture II; Eitorial; Table of Contents; Early-Age Autogenous Shrinkage of High-Performance Concrete Columns by Embedded Fiber Bragg-Grating Sensor ; Effects of Surface Roughness on Tribological Characteristics in Micro Double Cup Extrusion of Aluminum; Effect of the Bearing Preload on the Characteristics of the Spindle Stiffness; Dynamic Analysis of a 6-DOF Inverted Stewart Platform; On Numerical Simulations of the Micro-Gears and their Cold Forging Process ; Design and Fabrication of a Multi-Functional Nanomanipulator Topological Optimum Design Considering Stress Constraint Using Approximate Function Numerical Modeling and Design of an Inspection Device with Thermoelectric Coolers for the Coke Oven; Modeling of Thermoelectric Coolers for Freezing/Thawing Applications; Numerical Simulation and Experimental Measurement of a Printed Circuit Board Subjected to Drop Test ; The Vibration Analysis of a Simply Supported Plate Excited by Piezoelectric Actuators ; A Study on a Novel Vibrating Conveyor; An Incidence Matrix Support for Conceptual Design Based on Port Ontology

Rheological Properties of Aircraft Grease Containing Nano-AdditivesFriction and Wear Behavior of Titanium Complex Grease with Admixture Base Oil ; Fuzzy Design Scheme Selection Method Based on QFD Integrated with TRIZ ; Research on the Method of Circumferential Spring Dual Mass Flywheel Damper Matching with Diesel Engine ; Research on Module Partition Strategy of Optional Disassembly; Description of Work-Hardening Layer's Depth by Soft Coefficient ; Experimental Study and Hydrodynamic Performance Analysis of a Bio-Tail Fin Propellant System
The Highly Efficient Calculation Method of 3-D Frequency-Domain Green Function Research on Multi-Actuators Speed Control Methods in Large-Scale Vessel ; Optimization Design of Pressure Shell in Underwater Vehicle Based on Response Surface Model ; Design and Testing of Towed Fishery Detector in Horizontality; High Voltage Breaker Cam Actuator's Optimization Design on the Virtual Prototype Technology; Research on Modeling and Simulation of Scheduling with Tool Failure in FMS ; Foundation Structure Design and Analysis for Offshore Wind Turbine
Research on Obtaining Functional Periodicity by Using Su-Field Investigation of Cavity Wind Rotor with Three Blades Vertical Axis; Research of Equipment Selection and Matching Expert System in Fully Mechanized Caving Face Based on Ontology; Research on Dynamics of Rotor Systems in Large Centrifugal Compressor ; Research on Extrusion Velocity in Freeform Extrusion Fabrication of Aqueous Alumina Paste ; Research on Loading Method of High-Speed Closed Power Flow Test System ; An Immune Particle Swarm Optimization Algorithm for Solving Permutation Flowshop Problem
A Subjective Evaluation Method for Man-Machine Interface Based on Grey Interval Relational Analysis

Sommario/riassunto

This volume comprises a prestigious collection of refereed papers on Advanced Design and Manufacture. In the face of the current global financial crisis, it is extremely important to identify new technological needs and priorities in the fields of design and manufacture. The major topics tackled are: Engineering/product/industrial design, - Manufacture and production, - Engineering materials, - CAD/CAM/CAE, - Robotics, automation and control, - Sustainable technology, environment-friendly design and manufacture, - Web/Internet technologies, artificial intelligence and smart computing in design