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Titolo	Review of modern engineering solutions for the industry : selected, peer reviewed papers of the 2012 International Conference on Mechatronic Systems and Automation Systems (MSAS 2012), will be held on July 21, 2012 in Wuhan, China / / edited by Zhenyu Du and Bin Liu
Pubbl/distr/stampa	Durnten-Zurich, Switzerland ; ; Enfield, NH : , : TTP, Trans Tech Publications, , [2012] ©2012
ISBN	3-03813-650-6
Descrizione fisica	1 online resource (530 p.)
Collana	Applied mechanics and materials ; ; v. 203
Altri autori (Persone)	DuZhenyu LiuBin
Disciplina	620.104
Soggetti	Mechatronics Intelligent control systems Robotics Electronic books.
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 indexes.
Nota di contenuto	Review of Modern Engineering Solutions for the Industry; Preface and Committees; Table of Contents; Chapter 1: Mechatronic Devices and Systems; Co-Simulation Technology Development and Application of Electromechanical System; The Use of Automobile Electric Control Technology in the New Energy Vehicles Industrialization Process; The Research on Scenario Demonstration Engine of Plan Demonstration in the Detection System; Research on Direct Tension Control of Underfeed Winder; Study on Underwater Terrain Matching Techniques Based on an Improved PMF Algorithm Based on the Automatic Control System of Industrial RobotsMoving Object Tracking System Based on Particle Filter on FPGA Design and Implementation; Design and Optimization of Missile Three-Loop Autopilot Based on Performance Indicators; An Improved Integral Proportional Guidance Law Based on Optimization and Variable

Proportional Factors; Fractional order PID Based Control Strategy for the Valve Plant of Hydraulic Transformer; Backstepping Control Design on the Dynamics of the Omni-Directional Mobile Robot; Design and Implementation of Unmanned Vehicle Simulation System
The Predigest Project of Vehicle-Bone Multimedia Transmission and Control Network Based on FPGAChapter 2: Signal Processing and Measurement; The Application of Total Least Squares Method in Data Fitting of Speed Radar; Key Points of Human Body Location Based on Single Depth Map; Loudspeaker Nonlinear Distortion Signal Instantaneous Frequency Measurement and Analysis; Image Matching Using a Bat Algorithm with Mutation; A New K-Means Clustering Based on Genetic Algorithm; A Micro Force Measuring System Based on Static Electric Field Theory
Application Research of the Signal Processing Method Based on Db5 Wavelet Transform in Leakage Location of Ship PipelineThe Measurement of Liquid Surface Tension by Optical Technique; A FPGA-Based Long Distance Temperature Measurement System and Control Circuit; Adaptive Iteration Filter for Suppression of Impulse Noise in Color Images; Chapter 3: Control and Automation Systems; The Key Technology Research of Building Automation System; Investigation on Machinery Control System Based on Fuzzy PID Control Technology; The Study of PLC Control Technology Application in Motor VVVF System
The Study of IOT Based on RFIDPolytopic Decomposition of the Linear Parameter-Varying Model Based on HOSVD; Quantization Strategies of RFID Routing in Internet of Things; The Comparison of PID Excitation Controller Stabilizing Terminal Voltage; The Study Based on IEC61850 Integrated Substation Automation; The Study of Substation Automation and Control Systems; Based on Computer Substation Monitoring Controlled Video System; Centralized Control Standing Application and Development in the Automation System; Network Automation System Synchronized Clock Real-Time Monitoring System for Research
Design of Remote Measurement and Control System of Seawater Cages Breeding Site

Sommario/riassunto

These proceedings of the 2012 International Conference on Mechatronic Systems and Automation Systems (MSAS 2012), held on July 21 st 2012 in Wuhan (China), comprise 102 peer-reviewed papers grouped into 6 chapters: Mechatronic Devices and Systems; Signal Processing and Measurement; Control and Automation Systems; Sensors; Material Science and Processing Technology in Manufacturing; Mechanical Engineering and Electrical Power.

2.

Record Nr.	UNICAMPANIAVAN00075742
Autore	Antoine, Jean-Pierre
Titolo	Partial Inner product spaces : theory and applications / Jean-Pierre Antoine, Camillo Trapani
Pubbl/distr/stampa	Berlin, : Springer, 2009
Titolo uniforme	Partial Inner product spaces : theory and applications
ISBN	978-36-420-5135-7
Descrizione fisica	XX, 352 p. ; 24 cm
Altri autori (Persone)	Trapani, Camillo
Soggetti	46-XX - Functional analysis [MSC 2020] 47-XX - Operator theory [MSC 2020] 81-XX - Quantum theory [MSC 2020] 94-XX - Information and communication theory, circuits [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Pubblicazione disponibile anche in formato elettronico