

1. Record Nr.	UNINA9910258747303321
Titolo	Current Trends in Computer Science and Mechanical Automation . Vol.2 [[e-book]] : Selected Papers from CSMA2016 // Shawn X. Wang
Pubbl/distr/stampa	Warsaw ; ; Berlin : , : De Gruyter Open Poland, , [2018] ©2017
Descrizione fisica	1 online resource
Disciplina	004
Soggetti	COMPUTERS / Computer Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Reliability Evaluation of Embedded Real-time System based on Error Scenario / Ran, Zheng / Yan, Hua / Li, Yun -- Coordinate Transformation on CNC Machining of Quasi-Hypoid-Gear / Xu, Chunxiang / Shi, Wei / Chen, Dong-mei / Wu, Xiang-wei -- Study on the Influence of Rolling Wheels on Car External Flow Field and Aerodynamic Noise / Tan, Yan-wei / Li, Sheng-ya / Xu, Yan-hai / Li, Ke-qi -- Hardware/Software Partitioning Algorithm under Multi-Constraints for the Optimization of Power Consumption / Zhang, Jian-xian / Zhou, Duan / Qiu, Xue-hong / Lai, Rui -- Research of Metering Arithmetic for Distortion Power / Xie, Zhi / Wang, Jia-ju / Liu, Chen / Chen, Wei-min -- Study of the Influence of the Diode Ideality Factor on the Si Solar Cell / Gong, Gui-tian / Chen, Hai-feng -- Application of the Haar Classifier in Obstacle Target Detection / Song, Wei / Liu, Huai-yuan / Xiang, Bin / Hu, Hong / Wang, Cheng-jiang / Wan, Ling-yun -- Virtual Assembly Process Simulation for Hybrid Car Battery based on DELMIA / He, Qiu-wei / Zhang, Yu-peng / Qu, Xing-tian -- Information Flow Integrity of ECPS based on Domain Partition / Wang, Yu-fei / Fu, Jian-ming / Lin, Yan / Li, Wei-xia -- Simulating the Time-Domain Response for Monopole Antennas Excited by DC Voltage Source / Chen, Hai-Tao / Hu, Hao -- Permanent Magnet Brushless DC Motor Driver Base On DSP56F8346 / Zhou, Xiao-long / Sohng, Wei / Li, Xin-ping -- The Study on the Power Transmission Line Icing Image Edge Detection based on DTW Measure Cluster Analysis / Zhou, Qing / Deng, Bang-fei / Wang,

Cheng-jiang / Xiao, Qian-bo / Zhang, Hai-bing / Liu, Xiang-ming
Frontmatter -- Contents -- Preface / Wang, Shawn X. -- Introduction
of keynote speakers -- Part IV: Sensors, Instrument and Measurement II
-- Design of Remote Real-Time Measuring System of Temperature and
Humidity based on Raspberry Pi and Java Language / Guo, Liang / Qian,
Bi-fu / Lin, Gao-xiang / Pan, Ben-ren -- Design of Emotional
Physiological Signal Acquisition System / Li, Da-peng / Ge, Xin-an --
EMC Effects On High-Resolution Spaceborne SAR Image / Pan, Yao-
peng -- Real-time Pupil Detection based on Contour Tracking / Gu,
Ke-ke -- Chip Manufacturing, Data Integration and Transmission /
Guo, Ning / Liu, Yao-he / Yan, Ming-hui -- A DCT-domain-based
Research and Application of the Algorithm of Digital Audio Watermark /
Wei, Qing-qing / Cui, Ru-chun / Chen, Zi-chao / Li, Ya -- Detection of
Placido rings fracture based on ECC image registration / Xu, Yi / Fu,
Wei-wei / Chen, Shi / Dong, Yue-fang / Gu, Ke-ke / Wang, Li-ping --
Research on High-precision Calibration and Measurement Method
based on Stereo Vision / Kong, Ying-qiao / Zhao, Jian-kang / Xia, Xuan
/ Zhu, Cheng-guang -- Comparison of Three Weak Small Moving
Target Detection Methods based on Time Domain Filtering / Li, Zhong-
min / Zou, Guo-wei -- Breath Sounds Detection System based on SOPC
/ Qin, Gong / Zhou, Jun -- A Novel Fiber-optic Sensor for the
Determination of Melting Point of Solids / Zhang, Bao Kai / Tan, Chun
Hua -- Method for Measuring Internal Liquid Level of Sealed Metal
Container by Ultrasonic / Zhang, Bin / Wei, Yue-Juan / Liu, Wen-Yi /
Yao, Zong / Zhang, Yan-Jun / Xiong, Ji-Jun -- Design of Silicon-on-
Sapphire Pressure Sensor For High Temperature And High Pressure
Applications / Guo, Zhan-she / Wang, Yan-shan / Huang, Man-guo /
Lu, Chao / Zhang, Mei-ju / Li, Xin -- The Federated Filtering Algorithm
based on the Asynchronous Multisensor System / Li, Lang-shu / Qiu,
Hong-zhuan / Song, Hua / Wei, Chun-ling -- A Kind of Self-tuning
Kalman Filter for the High Maneuvering Target Tracking System / Li,
Heng / Wang, Shi-bing / Li, Jun / Li, Huai-min -- A Multitasking Run
Time Prediction Method based on GBDT in Satellite Ground Application
System / Fan, Cun-qun / Zhao, Xian-gang / Lin, Man-yun / Xie, Li-zi /
Ma, You / Feng, Xiao-hu -- Unmanned Ground Vehicle Behavior
Decision via Improved Bayesian Inverse Reinforcement Learning / Xing,
Wen-zhi / Wang, Zhu-ping -- Analysis of the High Frequency Vibration
on Radar Imaging in the Terahertz Band / Yang, Qi / Deng, Bin / Qin,
Yu-liang / Wang, Hong-qiang -- Object Tracking for Satellite Video
based on Kernelized Correlation Filters and Three Frame Difference /
Sun, Yu-jia / Du, Bo / Wu, Chen / Han, Xian-quan -- Noise Removal
and Detail Enhancement of Passive Infrared Image Pretreatment Method
for Robot Vision / Li, Fan / Mo, Rui / Song, He-lun / Zhang, Yao-hui --
Failure Mechanism and Support Strategy of Deep Roadway with High
Horizontal Stress and Broken Rock Masses / Zhang, Guang-chao / Gao,
Yuan / Wang, Bing / Lai, Yong-hui -- Design of a Climbing Robot for
Nuclear Environmental Monitoring / Huang, Xian / Qin, Yue / Liang,
Jia-li / Liu, Yang -- Part V: Mechatronics and Electrical Engineering I --
The design and simulation of the new Space Release Device / He, Yu-
heng / Feng, Kai / Ju, Heng / Lin, Cheng-xin -- The Adjusting Method
of Box Girder Pose based on Spatial Coordinate Transformation / Zhan,
Tao / Yang, Guang-you / Chen, Xue-hai / Liu, Wen-sheng --
Application of Discrete Element Method in the Analysis of Loader Shovel
Loading Process / Fang, Xiao-geng / Chen, Yan-hui / Liu, Wan-feng /
Luo, Xi-rong / Xie, Guo-jin -- Application of Piecewise Catenary
Method in Length Calculation of Soft Busbar in Ultra-high Voltage
Substation / Qin, Jian / Feng, Liang / Chen, Jun / Wan, Jian-cheng --
Calculation Method of Stiffness Matrix in Non-linear Spline Finite

Element for Suspension Cable / Qin, Jian / Feng, Liang / Chen, Jun / Wan, Jian-cheng / Qiao, Liang / Ma, Yi-min -- A Load Outage Judgement Method Considering Voltage Sags / Wang, Dong-xu / Zheng, Xue / Ye, Xi / Cai, Wei / Yang, Zhi-chun -- Macro Program Application on Non-circular Curve Machining in CNC Lathe / Wei, Juan / Gui, Liang-liang / Lu, Pan -- Singular Configuration Analysis for the Structure of Hybrid Grinding and Polishing Machine / He, Qiu-wei / Zhang, Chao-peng / Feng, Mei / Qu, Xing-tian / Zhao, Ji -- Static Analysis and Size Optimization for the Bed of Gantry Milling Machine based on ANSYS Workbench / Wang, Sha-na -- Research and Optimization of Clip Type Passive Manipulator / Hao, Da-xian / Yun, Chao / Jin, Hui / Wang, Gang -- Research on Material Removal of Belt Polishing for Blade Complex Surface / He, Qiu-wei / Yang, Xu / Wu, Xiao-hui / Qu, Xing-tian / Zhao, Ji -- Visual Servoing based object pick and place manipulation system / Li, Chao / Cao, Chu-qing / Gao, Yun-feng -- Research on Wind Loads of Container Ship based on CFD / Xiong, Hai-Sheng / Zhang, De-Xing -- Design and Research of Model Sting Support Control System of Icing Wind Tunnel / Luo, Qiang / Zhou, Ping / Gai, Wen / Liao, Fei -- Development of Control System of Icing Wind Tunnel / Zhou, Ping / Luo, Qiang / Huang, Wei-kai / Gu, Zheng-hua -- Railway Track Collapse Monitoring System in Mining Area based on KALMAN Filter / Lu, Chen / Yu, Hai-min / Yu, Zhen-wei / Chen, Kun-jie -- The Method of Harmonic Source Identification in Power Supply System / Li, Xiao-ming / Yin, Jia-yue / Qu, He-zuo / Bi, Cheng-qiong / Xu, Hao-jun / Zhu, Li -- Optimization for the Balancing Cylinder of a 3-DOF Planar Manipulator / Wei, Chun-yu / Liu, Shuai / Yu, Wen-da / Wang, Zhan -- Finite Element Modal Analysis of an Eight-axis Industrial Robot Painting System Applied to Boarding Bridge Painting / Zhou, En-de / Wang, Xi-shun / Fang, Hai-tao / He, Kai / Du, Ru-xu -- Bayesian based Fault Identification for Nonlinear Mechatronic System with Backlash / Yu, Ming / Li, Meng-xin / Wang, Hai / Jiang, Cang-hua / Xia, Hao / Chen, Si -- A CAD/CAE Integrated Optimization of Hot Runner System / Zhou, Chi / Fang, Li-hua / Deng, Jun-jie / Zhang, Wen-tao -- Study On Tool Path Design for a Novel Incremental Sheet Metal Bending Process / Li, Wei / Sun, Zhi-gang / He, Kai / Zuo, Qi-yang / Liu, Qing-yin / Du, Ru-xu -- Research on Tribological Characteristics of 316L Stainless Steel against PEEKHPV under Water Lubrication / Meng, Fan-yi / Gong, Xiao-feng / Kang, Xu -- Turbofan Engine Controller Optimal Design based on Grey Wolf Optimizer / Wang, Ning-shan / Yang, Yong-sheng -- Part VI: Mechatronics and Electrical Engineering II -- Research of the EMI Suppression Circuit in the ASM Power / Li, Jian-Hua / Rao, Ting-Ting / Wang, Wei-Hua / Zhu, Wei-Bo -- Research on the Relationship Identification and Governance Countermeasures of Stakeholder in Two Phases of Thermoelectric Projects / Wu, Yun-na / Ji, Ge-di / Wang, Ji -- Study on the Fluctuating Pressure and Aerodynamic Noise at Car Rearview Mirror Zone / Zhang, Zhong-hua / Xu, Yan-hai / Ju, Dao-jie / Qiao, Xu-qiang -- Model and Simulation of Vehicle Based on Modelica Language / Yu, Hongyan / Chen, Jianjiang / Dong, Zhengwei / Liu, Guitang -- Research on Asynchronous Starting Characteristics of Synchronous Motors Based on TSC Reactive Power Compensator / He, Le / Li, Xiaoming / Mu, Xianyong / Liu, Ying / Wang, Kunjie -- Motorcycle Engine Controller Design and Matlab/ Simulink Simulation / Shen, Yun-de / Zhang, Jing-yi / Zhou, Su-jie / Wang, Lei / Xuan, Dong-ji -- An Efficient Bilinear Factorization based Method For Motion Capture Data Refinement / Hu, Wenyu / Wang, Zhao / Yang, Xiaosong / Zhang, Jian J.
