

计量与测试技术

Metrology & Measurement Technique

计测仪器科研与实践

- 1.基于WiFi的充电桩数据传输装置 陈锐衡 周 邨 郑文斌
- 4.基于Android的车位导航APP设计 黄永乐 周 邨 郑文斌
- 9.基于智能Agent资源导航的虚拟制造组织构建机制研究 于欣佳 程 涛
- 14.一种千克组砝码无人化检定系统的设计 马 健 郭琳琳
- 17.基于二次滤波的对接焊缝路径识别 田应仲 刘洪飞 冯杰才 曹守启
- 20.Delta并联机器人的运动学分析及虚拟样机仿真 张 颖 赵建国 沈 鑫 肖 庆
- 25.基于LabVIEW标准扭矩扳子串口通信的设计与实现 朱 林 王哲生 夏 琴
- 29.CCD在线式图像尺寸测量系统的自动化校准装置研究 蒋淑恋 郑伟峰 郑尚榜 谢汉斌
- 32.坡度对动态汽车衡称重结果的影响研究 王书升 张 勇 刘 涛 司延召 赵楚亚
- 34.基于容积法的便携式液相色谱仪流量测定装置的研制 程 宣
- 36.天然气质量要求新标准GB17820-2018研究 邹 伟
- 40.基于STM32小型纸币清分装置控制系统设计研究 赵 亮 彭春雷 王 瑾
- 43.电动汽车领域先进计量测试技术研究 熊 凯 陈锐衡

医疗计测技术

- 46.婴儿培养箱校准和性能的探讨 何俊明

计量方法与应用

- 49.基于焊接路径节点提取的对接焊缝路径规划方法 曹守启 刘洪飞 冯杰才 田应仲
- 52.压电加速度传感器磁灵敏度的多维测试方法的研究 黄志煌 林喜鉴
- 55.液体密度测量方法的分析 王东丽 杨涛涛 毛 森 袁 晶
- 57.2016年~2018年莆田市安全网阻燃性能质量分析 陈 静
- 61.水平垂直燃烧试验仪校准方法的研究 易 杰
- 65.瓶胚垂直轴偏差测定仪校准方法的探讨 管 财 尚银霞
- 67.基于岛津AUY系列分析天平数据采集的C#编程概述 金 京 任静杰
- 69.测量不确定度在符合性判定中的应用 马 晖 余 磊 王 毅 徐 宙

目次

2019年第46卷

72.多功能标准源直流电压校准方法的探讨	张健
74.基于HPPP法标准装置检定音速喷嘴的方法研究	闫文灿 徐明 侯阳
77.基于箱式电阻炉的智能采集软件设计与应用	周光 孙晓全 戴翔 陈永强 何志锋
80.基于UG二次开发的数控产品特征面的自动加工方法研究	钟森明 傅海桃
84.浅谈廉金属热电偶校准的几点看法	王志 王亚杰
88.小型日用衡器计量性能的检测方法研究	陆品
90.一种基于LabVIEW和模糊理论的液压泵故障诊断程序	张进
92.关于加油站三次油气回收的一点探讨	张雪
计量监督管理	
95.基于知识图谱的我国计量科学研究领域研究现状与热点挖掘	李晓萌
99.JJF(苏)216-2018《氟化物(F ⁻)在线监测仪校准规范》解读	季红梅
101.确保实验室结果有效的监控方式	王晨
误差与不确定度	
104.HMP155A湿度传感器检定结果的不确定度分析	冯慧 王强 张彬
106.氯离子快速测定仪仪器示值误差不确定度评定	李红亮 常子栋 李微微 刘冬梅
108.临界流文丘利喷嘴法气体流量标准装置的不确定度评定	薛飞
110.微机电(MEMS)陀螺仪校准值的不确定度分析	陈倩倩 钱峥 张杰 金磊
114.环境振动检测仪振动计权加速度级的不确定度评定方法研究	王亚磊 崔磊
计量科普	
117.市场监管总局关于发布实施强制管理的计量器具目录的公告	
121.测量不确定度在符合性判定中的应用	
信息动态	
48.绍兴千家民企计量帮扶活动显成效	
116.征订启示	

Research and Practice of Measuring Instrument

- Data Transmission Device of Charging Pile Based on WiFi Chen Ruiheng Zhou Di Zheng Wenbin(1)
- Design of Parking Space Navigation APP Based on Android Huang Yongle Zhou Di Zheng Wenbin(4)
- Research on Mechanism for Constructing Virtual Manufacturing Organization Based on Intelligent Agent's Resources Navigation.....
..... Yu Xinjia Cheng Tao(9)
- Design of a Kilogram Weight Unmanned Verification System Ma Jian Guo Linlin(14)
- Butt Weld Path Recognition Based on Secondary Filtering Tian Yingzhong Liu Hongfei Feng Jiecai Cao Shouqi(17)
- The Kinematic Analysis and Virtual Prototyping Simulation of a Delta Parallel Manipulator
..... Zhang Ying Zhao Jianguo Shen Xin Xiao Qing(20)
- Design and Implementation of LabVIEW Standard Torque Switch Serial Port Communication Zhu Lin Wang Zhesheng Xia Qin(25)
- Research on Automatic Calibration Device of CCD Online Image Size Measurement System.....
..... Jiang Shulian Zheng Weifeng Zheng Shangbang Xie Hanbin(29)
- Study on the Effect of Slope on the Weighing Results of Weighing Vehicles in Motion.....
..... Wang Shusheng Zhang Yong Liu Tao Si Yanzhao Zhao Chuya(32)
- Development of a Portable Flow Measurement Device for Liquid Chromatography Based on Volumetric Method Cheng Xuan(34)
- Research on New Standard GB 17820-2018 for Natural Gas Quality Requirements Zou Wei(36)
- Design and Research of Control System Based on STM32 Small Banknote Clearing Device Zhao Liang Peng Chunlei Wang Jin(40)
- Research on Advanced Measurement and Testing Technology in Electric Vehicle Field Xiong Kai Chen Ruiheng(43)

Medical Testing Technology

- Discussion on Calibration and Performance of Baby Incubator He Junming(46)

Measuring Method and Application

- Butt Weld Path Planning Method Based on Welding Path Node Extraction Cao Shouqi Liu Hongfei Feng Jiecai Tian Yingzhong(49)
- Multidimensional Test Method of Magnetic Sensitivity Based on Piezoelectric Acceleration Sensor Huang Zhihuang Lin Xijian(52)
- Analysis of Liquid Density Measurement Methods Wang Dongli Yang Taotao Mao Sen Yuan Jing(55)
- Quality Analysis of Flame Retardant Performance of Putian Safety Net in 2016~2018 Chen Jing(57)
- Study on Calibration Method of Horizontal and Vertical Combustion Tester Yi Jie(61)
- Discussion on Calibration Method of Preform Vertical Axis Deviation Meter Guan Cai Shang Yinxia(65)
- Overview of C# Programming Based on Shimadzu AUY Series Analytical Balance Data Acquisition Jin Jing Ren Jingjie(67)
- Application of Measurement Uncertainty in Conformity Judgment Ma Hui Yu Lei Wang Yi Xu Zhou(69)
- Discussion on DC Voltage Calibration Method of Multifunctional Standard Sources Zhang Jian(72)
- Research on the Method of Verifying Sonic Nozzle Based on HPPP Standard Device Yan Wencan Xu Ming Hou Yang(74)
- Design and Application of Intelligent Acquisition Software Based on Box Resistance Furnace.....
..... Zhou Guang Sun Xiaoquan Dai Xiang Chen Yongqiang He Zhifeng(77)
- Research on Automatic Generation Method of G Code of NC Products Based on UG Secondary Development Zhong Senming Fu Haitao(80)
- A Brief Talk Some Views on Calibration of Low-cost Metal Thermocouples Wang Zhi Wang Yajie(84)
- Study on Testing Method of Metrological Performance of Small Daily Weighing Instrument Lu Pin(88)
- A Fault Diagnosis Program for Hydraulic Pump Based on LabVIEW and Fuzzy Theory Zhang Jin(90)
- Discussion on the Third Gas Retrieve at Gas Station Zhang Xue(92)

Supervision and Administration of Metrological

- Research Status and Hotspot Mining of Metrology Science in China Based on Knowledge Map Li Xiaomeng(95)
- Interpretation of JJF (Su) 216-2018"Calibration Specification for On-line Analyzers of Fluoride(F⁻)" Ji Hongmei(99)
- Monitoring Methods to Ensure Effective Laboratory Results Wang Chen(101)

Error and Uncertainty

- Uncertainty Analysis of the Calibration Result of HMP155A Humidity Sensor Feng Hui Wang Qiang Zhang Bin(104)
- Evaluation of Uncertainty of Instrument Indication Error for Chloride Ion Rapid Measuring Instrument.....
..... Li Hongliang Chang Zidong Li Weiwei Liu Dongmei(106)
- Uncertainty of Measurement Evaluation about the Critical Flow Venturi Nozzle Gas Flow Standard Device Technology Xue Fei Du Xiaowei(108)
- Uncertainty Analysis of Calibration Value for MEMS Gyroscope Chen Qianqian Qian Zheng Zhang Jie Jin Lei(110)
- Research on Uncertainty Evaluation Method of Weighted Vibration Level of Environmental Vibration Detector Wang Yalei Cui Lei(114)

- Measurement Science**..... (117~124)