

目次

力触觉技术专刊

机器人多维力传感器·····	梁桥康 成乐凯 龙建勇 等 (1)
光纤Bragg光栅力觉传感器在健康医疗领域的应用·····	李红豪 龙建勇 成乐凯 等 (9)
星球车松软星壤的轮腿式探测系统: I-概念设计·····	冯李航 蒋旭 缪天缘 等 (22)
星球车松软星壤的轮腿式探测系统: II-感知车轮·····	冯李航 蒋旭 缪天缘 等 (28)
基于离线强化学习的力触觉引导土壤采样控制·····	严一冰 宋爱国 朱利丰 等 (35)
带有振动触觉反馈的上肢康复系统·····	李嘉杰 宋爱国 操思祺 (42)
基于SLAM的虚拟现实六自由度输入系统研究·····	姜旭东 朱利丰 宋爱国 (48)
脑卒中可穿戴式冷热刺激康复系统设计·····	李汉 张军 (54)
基于YOLOv3-HM的手部姿态估计方法研究·····	刘佳 石豪 陈大鹏 等 (60)
一种高保真视-触觉增强现实系统的搭建·····	刘佳 方韬 陈大鹏 等 (67)
具有手指外展辅助功能的康复机器人系统·····	葛伟 宋爱国 赖健伟 (75)
基于新型多模态触觉传感器的机器人交互物体分类·····	熊鹏文 尹一凡 童小宝 等 (82)
悬浮抱杆组塔工艺承力检测系统设计与应用·····	曾云飞 熊鹏文 江振宇 等 (88)
基于软体手的机器人遥操作人机交互系统研制·····	杨淦华 曾庆军 韩春伟 等 (94)
基于外骨骼的数据手套设计及控制研究·····	刘薛韬 周旭 (99)
科技动态信息报道·····	(108)

CONTENTS

Special Issue on Haptic Technology

Robotic Multi-Component Force/Torque Sensors:A Review LIANG Qiaokang, CHENG Lekai, LONG Jianyong, et al (1)

Application of Fiber Bragg Grating Force Sensors in Health Care and Medical Treatment
..... LI Honghao, LONG Jianyong, CHENG Lekai, et al (9)

A Planetary Robotic Wheel-Limb System to Characterize Wheel-Terrain Interactions: Part I–Conception and Preliminary Design.....
..... FENG Lihang, JIANG Xu, MIAO Tianyuan, et al (22)

A Planetary Robotic Wheel-Limb System to Characterize Wheel-Terrain Interactions: Part II –Design Implementation of Instrumented
Wheel..... FENG Lihang, JIANG Xu, MIAO Tianyuan, et al (28)

Haptic Soil Sampling Control Based on Offline Reinforcement Learning..... YAN Yibing, SONG Aiguo, ZHU Lifeng, et al (35)

Upper Limb Rehabilitation System with Vibrotactile Feedback LI Jiajie, SONG Aiguo, CAO Siqi (42)

Research on SLAM-Based 6DoF Input System for Virtual RealityJIANG Xudong, ZHU Lifeng, SONG Aiguo (48)

Design of Wearable Thermal Stimulation Rehabilitation System for Stroke LI Han, ZHANG Jun (54)

Research on Hand Pose Estimation Method Based on YOLOv3-HM..... LIU Jia, SHI Hao, CHEN Dapeng, et al (60)

Construction of a High Fidelity Visuo-Haptic Augmented Reality System..... LIU Jia, FANG Tao, CHEN Dapeng, et al (67)

Rehabilitation Robot System with Finger Abduction Assistance GE Wei, SONG Aiguo, LAI Jianwei (75)

Robot Interactive Object Classification Based on Novel Multimodal Tactile Sensor
..... XIONG Pengwen, YIN Yifan, TONG Xiaobao, et al (82)

Design and Application of Load Bearing Detection System for Suspension Holding Pole Tower Assembly Process.....
..... ZENG Yunfei, XIONG Pengwen, JIANG Zhenyu, et al (88)

Development of Robot Teleoperation Human-Computer Interaction System Based on Soft Hand
..... YANG Ganhua, ZENG Qingjun, HAN Chunwei, et al (94)

Research on Data Glove Control Based on Exoskeleton LIU Xuetao, ZHOU Xu (99)

Science and Technology News Report (108)



公众号ID
cekongjishu

扫描左边二维码关注
测控技术

欢迎访问测控技术
<http://ckjs.ijournals.cn>

本期责任编辑：黎 媚