

2021中国自动化大会
论文海报展示分区、分时段列表

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A-04	3575	Decentralized Robust Zero-sum Optimal Tracking Control of Modular Robot Manipulator based on	Adaptive dynamic programming and reinforcement learning	Chongyang Wei,Tianjiao An,Bing Ma,Bo Dong,Yuanchun Li*
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A-11	3770	A Neural Network based Mobile Robot Navigation Approach using Reinforcement Learning Param	Adaptive dynamic programming and reinforcement learning	Chuanxin Cheng,Yiyang Chen
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B-03	4465	Research on Simulation of Unmanned Assistant Driving in Complex Scenes	Adaptive dynamic programming and reinforcement learning	Jun-ru Wang,Zi-qi Chen,Jun-ping Wang,Qing-kui Li,Rong-min Cao
B-04	4676	基于强化学习的上升气流中无人机轨迹规划研究	Adaptive dynamic programming and reinforcement learning	黄赞,何真,仇靖雯
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C-06	3275	面向建筑物靶标的目标脱靶量测量方法及系统设计	Advanced Sensing Technology and Instrumentation	赵梓年
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C-11	3794	基于平面线圈阵列的电动汽车无线充电系统金属异物检测	Advanced Sensing Technology and Instrumentation	张文彪,莫清清,颜鹏旭
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D-04	4353	The Development Review of Airborne Fire Control Radar Technology	Advanced Sensing Technology and Instrumentation	Bingsong Xiao,Rui Wang
D-05	4372	基于长冲程振动台导轨弯曲校正的低频振动传感器校准方法	Advanced Sensing Technology and Instrumentation	杨明,刘文峰,左晨楠
D-06	4477	Design of dust concentration detection system based on double light path difference method	Advanced Sensing Technology and Instrumentation	丁莉,刘建翔,赵志鹏,邢仁鹏,李绍鹏,程虎
D-07	4589	Channel Attention based Network for LiDAR Super-resolution	Advanced Sensing Technology and Instrumentation	Kai Chen,Chao Liu,Yongsheng Ou
D-08	4623	Temperature Compensation for Fiber Optic Gyroscope Based on Bayesian Optimized Support Vec	Advanced Sensing Technology and Instrumentation	张艳萍,颜廷洋,袁东风,苏敏
D-09	4628	Development of Key Technologies of Unattended Atmospheric Aerosol Sampler	Advanced Sensing Technology and Instrumentation	Xiaoli Wu,Shibo Liu,Xinjian Xiang
D-10	4728	Smart Infrared Temperature Measurement System Based On Elastic Compute Service Platform	Advanced Sensing Technology and Instrumentation	麦力,李勇波
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F-03	3430	Path Tracking Control of Dynamic Positioning Ship Based on Self-coupling PI	Automatic Ship Control and Comprehensive Control	Mingyu Fu,Guorong Zhang*,Yujie Xu
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F-09	4070	Nonlinear Model Predictive Control for Automatic Berthing of the Underactuated Twin-propeller Twin	Automatic Ship Control and Comprehensive Control	Ya-zhen Du,Zhi-jun Zhu,Hua-wei Xie,Fan-bin Meng,Jun Liu
F-10	4113	侧滑角约束下的全垫升气垫船安全航迹跟踪控制	Automatic Ship Control and Comprehensive Control	徐玉杰,付明玉,丁福光,施博
F-11	4138	Online Learning based GA-BP Neural Network to Predict Ship Trajectory	Automatic Ship Control and Comprehensive Control	ZHAO Yue
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F-13	4411	Ship energy distribution optimization based on multi-objective Antlion algorithm	Automatic Ship Control and Comprehensive Control	Wang Honglun,Dai Xiaoqiang,Cong Haozhe
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G-04	4874	6-DOF Thrust Allocation Method for Autonomous Underwater Vehicle with Rudders	Automatic Ship Control and Comprehensive Control	马晨龙 (Ma Chenlong)
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G-07	4965	Path Planning Based on Improved Particle Swarm Algorithm for USV	Automatic Ship Control and Comprehensive Control	Fang Xuyang,Huang Li,Fei Qing
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G-11	5372	Speed Prediction of Cutter Suction Dredger Mud Pump Based on Cuckoo Algorithm Optimized S	Automatic Ship Control and Comprehensive Control	Jing-liang LUAN,Xiao-qiang WANG,Shou-quan XU
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H-01	3233	Multi-class MI-EEG Classification: Using FBCSP and Ensemble Learning Based on Majority Voting	Brain-Computer Interface and Cognitive Computing	Xiaoying Wei,Enzeng Dong,Lin Zhu
H-02	3428	EEG-based Functional Brain Connectivity during Crossroad Passing Driving-A pilot study	Brain-Computer Interface and Cognitive Computing	Wenwen Chang,Wengjie Huang,Guanghui Yan ,Yuchan Zhang
H-03	3641	Silent Speech Recognition based on sEMG and EEG Signals	Brain-Computer Interface and Cognitive Computing	Rumeng Wu,Zhen Lu,Xiaoqing Guan,Ming Zhang,Wang You,Guang Li
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H-05	3875	BAL-Net: Bi-Attention Learning for Single Image De-raining	Brain-Computer Interface and Cognitive Computing	Li Yulian,Wang Jun,Shen Zhenwen,Pan Zaiyu,Wu Baolei
H-06	4028	减少稳态视觉诱发电位附加性同步处理的研究	Brain-Computer Interface and Cognitive Computing	张梦楠,李存华,许位香,贾东宝
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H-08	4661	Cross-subject federated transfer learning with quantum convolutional architecture for Motor Imagery classifi	Brain-Computer Interface and Cognitive Computing	Ruhan Hu,Xuefeng Zhou,Zhihao Xu,Zhaoyang Liao,Hongmin Wu,Hongyi Qu,Zhirui Tang
H-09	4723	A Shallow Spiking Neural Network for P300 Classification	Brain-Computer Interface and Cognitive Computing	Kang Wang,Di-Hua Zhu,Shu Xu
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H-13	3471	Intelligent Speech Garbage Classification Based on Deep Residual Network	Brain-Like Intelligence and Deep Learning	Mengchuan Li,Huajun Zhang
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J-02	3686	Assessing the Environmental Cognition Ability of Drivers for Intelligent Vehicles Using Brain-inspire	Brain-Like Intelligence and Deep Learning	Hongliang Lu,Chao Lu,Shaobin Wu,Guangming Xiong,Jianwei Gong
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J-04	3925	基于脑机接口的图像弱目标增强判读	Brain-Like Intelligence and Deep Learning	谢丰钰,沈霖
J-05	3962	Spiking Neuron Networks based Energy-Efficient Object Detection for Mobile Robot	Brain-Like Intelligence and Deep Learning	Bo-Chao Liu,Qian Yu,Jing-Wen Gao,Shuang Zhao,Xiong-Chang Liu,Yan-Feng Lu
J-06	4066	An Attention-Based CNN with Batch Normalization Model for Network Intrusion Detection	Brain-Like Intelligence and Deep Learning	Lin Li,Jieru Mu, Hua He ,Cong Liu
J-07	4157	Chinese Event Trigger Word Extraction Using ERNIE-BIGRU-CRF	Brain-Like Intelligence and Deep Learning	ZHANG Chao,SUN Hai-chun,SHEN Ye-bai
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J-14	4812	基于忆阻阵列的卷积神经网络部署优化	Brain-Like Intelligence and Deep Learning	成宇,韩芳
K-01	4838	ECG for Biometric Recognition Based on Hybrid Deep Neural Networks	Brain-Like Intelligence and Deep Learning	Yuxin Xiao,Yuyu Lai,Haoyang Yu,Yuezhou Deng,Jiaying Du,An-Min Zou
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K-04	4977	An improved memristor emulator with a new shaping function	Brain-Like Intelligence and Deep Learning	Zhenyu Zhao,Guangzhen Dai,Xingwen Song,Mingjun Han
K-05	5292	Computational Models of Stellate Cells in Layer II of Medial Entorhinal Cortex	Brain-Like Intelligence and Deep Learning	Zongxia Wang,Naigong Yu,Hejie Yu
K-06	2522	Online identification of nonlinear quantization system with non-uniformly sampled data	Complex System Theory and Method	Shiqi Yang,Hongwei Wang,Haozhe Li,Mingxiao Guo,Jia Wang
K-07	2553	Robust H-infinity decentralized control of the fractional-order interconnected system with element-bou	Complex System Theory and Method	Bing-Yue Liu,Jun-Guo Lu
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K-11	2871	Swarm Intelligent Cooperative Decision-Making of Large-scale Robots for Individual Customization	Complex System Theory and Method	Lijun Wang,Yang Li,Wei Su,Pinghai Xu,Xianzhong Chen
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K-13	2910	EIapse-time-dependent sliding mode control for discrete-time stochastic jump systems	Complex System Theory and Method	Lian Lian,Yakun Hou,Wenhai Qi
K-14	3046	Civil Aircraft Auto Brake System Development Using Model-Based Systems Engineering	Complex System Theory and Method	Xie Zhang,Shaojie Zhang,Jie Yan
L-01	3111	A Review Of Crowd Evacuation Simulation Based On Model	Complex System Theory and Method	Rongjian Lv
L-02	3130	基于扩张状态互观测测器的PMLSM反步控制	Complex System Theory and Method	林颖,高阳,武玉强
L-03	3164	复杂装备系统弹性度量方法	Complex System Theory and Method	杨博帆,张琳,汪文峰,张博
L-04	3214	Transient chaos analysis of a modified Sprott-C system with hidden attractor and multistability	Complex System Theory and Method	Hui Yu,Enzeng Dong,Shengzhi Du,Chao Jia
L-05	3223	Hierarchical Control Modeling of Thermal Power Plant Production Process Based on MAS	Complex System Theory and Method	Wang Qianqian,Tang Minan,An Aimin*,Qiu Jiandong,Kaiyue Zhang,Liu Weili

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L-08	3327	Parameter-dependent LMI condition for stability analysis of fractional-order linear time-invariant sing	Complex System Theory and Method	Ruonan Qian,Junqiao Lu,Yue Hu
L-09	3338	Signal Optimization Control for Regional Intersection Based on Switching Fuzzy System	Complex System Theory and Method	Tang Minan,Wang Qianqian,An Aimin,Qiu Jiandong,Liu Weili,Zhang Kaiyue
L-10	3371	Memory PDSF controller design for discrete-time uncertain switched singular time-delay systems	Complex System Theory and Method	Zairui Gao,Wencheng Wang,Xiaojin Wu
L-11	3377	Stabilization of discrete time stochastic linear systems with time delay via event-triggered control	Complex System Theory and Method	Jian Dong,Xiaofeng Zong
L-12	3395	A novel iterative algorithm for Riccati matrix equation in discrete-time Markov jump system	Complex System Theory and Method	Zhi Li,Ying Zhang,Rui Zhang
L-13	3400	An improved weighted iterative algorithm for Riccati matrix equation in discrete-time Markov jump s	Complex System Theory and Method	Yu-Rui Wang,Ying Zhang,Rui Zhang
L-14	3404	Parameter Identification of Hydrodynamic Model of Ship Using EKF	Complex System Theory and Method	Daohui Zeng,Guihua Xia,Chengtao Cai

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A-01	3416	Some counterexamples on the non-existence of period solution, solution equivalence and finite-time	Complex System Theory and Method	Yiheng Wei,Chuang Li,Yuquan Chen,Yingdong Wei
A-02	3443	Robust Stability for Nonlinear Switched Systems with Stable and Unstable Subsystems	Complex System Theory and Method	曹伟,郑群现
A-03	3480	Sampled-data Control for Itô Stochastic Singular Markovian Jump Systems with Time-varying Delay	Complex System Theory and Method	Chunling Chang, Shuangyun Xing,Jichun Wang
A-04	3576	Memoryless Feedback Control of Stochastic Nonlinear Systems with Long Delays in the State and I	Complex System Theory and Method	Congran Zhao,Lili Liu,Mengxi Zhang
A-05	3584	Function Projective Synchronization of Chaotic PMSMs with Certain and Uncertain System Paramet	Complex System Theory and Method	Mufeng Wang,Ke Liu,Yangyang Geng,Xin Che,Jingpei Wang
A-06	3604	Robustness Analysis of Cyber Physical Power System Based on Adjacent Matrix Evolution	Complex System Theory and Method	Xu Zhengwei,Ge Yuan,Cao Jin ,Yang Shuquan,Lin Qiyou,Zhou Xu
A-07	3612	Berth and Quay Crane Scheduling Optimization Based on Improved Genetic Algorithm	Complex System Theory and Method	Qingyue Fu,Chenqiao Cai
A-08	3651	An Empirical/Analytical Estimation Method of Cycle Time in Re-entrant Lines	Complex System Theory and Method	黄志强,郑源麟,鄢超波
A-09	3655	Output regulation of linear time-delay system via sample-data control	Complex System Theory and Method	张海龙,张健
A-10	3709	Manipulating the Degree Factor to Promote Cooperation in Network Evolutionary Game	Complex System Theory and Method	Jun Zhan,Wanpeng Zhang,Junren Luo,Shikai Chen
A-11	3731	Improved Approach to Delay-Dependent Stability Analysis of Discrete Time-Delay Systems Intercon	Complex System Theory and Method	Xiyan Lv,Lu Wang,Xuefeng Chen
A-12	3825	Identifying Key Nodes via GAT and Topological Potential	Complex System Theory and Method	Yu Zhang,Tingting Li,Langping An,Chengyi Zeng,Chen Wang, Junren Luo
A-13	3865	Asymptotic Stabilization Control of Fractional-order Flexible Single-Lever Manipulator System via V	Complex System Theory and Method	Zhe Zhang ,Yaonan Wang,Jing Zhang,Yingjie Zhang,Feng Liu,Can Ding
A-14	3868	Multi-objective Optimization of Path-Constrained Switched Systems Using the Modified Epsilon-Cor	Complex System Theory and Method	Chi Zhang,Jun Fu
B-01	3977	Mission Planning of MAVUAV Cooperative Combat based on Improved Genetic Algorithm	Complex System Theory and Method	Jieru Fan,Hanye Sun,Xin Sun,Chang Zhao
B-02	4004	Research on Solving The Target Point of Supersonic Anti-ship Weapon Based on Passive Acoustic	Complex System Theory and Method	Yao Xing,Zhangming He,Juhui Wei,Yu Lu,Jiongqi Wang
B-03	4131	带有非匹配总扰动的严格反馈型非线性系统输出跟踪控制	Complex System Theory and Method	张聪,姜思远
B-04	4154	Output Feedback Tracking Control for Second-Order Nonlinear Systems in Predefined Time	Complex System Theory and Method	Yangyang Liu,Yuyu Lai,Zhipei Hu,An-Min Zou
B-05	4192	未知时变参数混沌系统的混合函数投影同步自适应迭代学习控制	Complex System Theory and Method	张春雨,田旭,严雷,王文卿
B-06	4216	Adaptive boundary vibration control of an Euler-Bernoulli beam with unknown tip load	Complex System Theory and Method	Yifei Ma,Wei Wu,Xuyang Lou
B-07	4217	A Hybrid System Framework for Event-triggered Control of Polynomial Systems	Complex System Theory and Method	Xu Cai,Xuyang Lou,Jiajia Jia
B-08	4221	Stability analysis of continuous time positive switched systems with unstable subsystems	Complex System Theory and Method	zheng ,yan,wang, yaonan
B-09	4251	基于复杂网络的防空作战网络拓扑建模研究	Complex System Theory and Method	张家瑞
B-10	4332	Sliding mode boundary control of linear parabolic distributed parameter systems with space-depend	Complex System Theory and Method	Chunxia Bao,Baotong Cui,Wei Wu
B-11	4349	Stability and Hopf Bifurcation of the Fractional Kaldorian Business Cycle Model with Time Delay	Complex System Theory and Method	He Wang,Min Xiao,Shi Chen,Gong Chen
B-12	4360	Improved high-order sliding mode control of feedback linearized PMSM for tram	Complex System Theory and Method	LIU Hui bo,CHEN Haoxin
B-13	4373	Bifurcations control of IS-LM macroeconomic system via PD controller	Complex System Theory and Method	Qianhui Zhuang,Min Xiao,Binbin Tao,Shi Cheng
B-14	4427	Hopf Bifurcation of A Kaldor-Kalecki Business Cycle Model with Variable Depreciation Rate and Diff	Complex System Theory and Method	Jiajin He,Min Xiao,Jing Chen,Yunxiang Lu,Gong Chen
C-01	4430	Hopf Bifurcation Analysis of A Economic System with Two Time Delays and Diffusion Based on Mac	Complex System Theory and Method	王飞龙,肖敏,陈静,陈功
C-02	4440	Fault sample size quadratic allocation method of sequential verification based on sobol sequence	Complex System Theory and Method	Yufeng Long,Xianjun Shi,Kang Wang,Yufeng Qin,Jiapeng Lv,Jie Zhang
C-03	4446	Bifurcation Analysis of a Ring-Hub-Shaped Neural Network with (n+1) Neurons and Multiple Delays	Complex System Theory and Method	Jing Chen,Min Xiao,Jiajin He,Feilong Wang
C-04	4489	Analysis and circuit implementation of a new fourth-order multi-wing chaotic system based on mem	Complex System Theory and Method	Lei Jia,Xiaowei Jiang,Xianhe Zhang,Ming Chi
C-05	4537	Stability Analysis of A Fractional Rumor Spreading Model with Time Delay	Complex System Theory and Method	Nan Wang ,Min Xiao ,Shi Chen,Yunxiang Lu
C-06	4825	Event-triggered Control for Synchronization of Chaotic Delayed Lur'e Systems with Stochastic Cybe	Complex System Theory and Method	Yanjie Liu,Zhi Li
C-07	4921	Stability of switched positive systems with unstable subsystems	Complex System Theory and Method	Dong Jiangtao
C-08	4924	Supervisory Predictive Control of Circulating Fluidized Bed Based on T-S Fuzzy Neural Network	Complex System Theory and Method	Zhichao Zhong,Xiangjie Liu
C-09	4929	Adaptive neural control for unmanned surface vessel with asymmetric full-state constraints	Complex System Theory and Method	Xu Yuan,Lili Zhang,Bing Chen,Chong Lin
C-10	4996	Distributed MPC for Automatic Generation Control of Power System with Wind Power and Battery	Complex System Theory and Method	Hongzhen Deng,Xiangjie Liu
C-11	5172	Backstepping Boundary Control of a Coupled Rijke Tube	Complex System Theory and Method	Yang Tao,Dan Ma
C-12	5180	Research on Multiple model Method of Nonlinear System with Recurrent Neural Network	Complex System Theory and Method	Bing Wu,Jie Wang
C-13	5220	Fault estimation based adaptive observer for a class of Lipschitz nonlinear systems	Complex System Theory and Method	Xing-da Li,Yi-ming Fang,Jian-xiong Li,Ya-qi Liu
C-14	5236	Two-stage Parameter Estimation for the Hammerstein Nonlinear ARX Systems	Complex System Theory and Method	Mingjun Liang,Feng Li,Wei Song,Qingfeng Cao
D-01	5276	Sampled-Data Observer Design With Exponential Time-Varying Gains for Semilinear Parabolic PD	Complex System Theory and Method	Zi-Peng Wang, Huai-Ning Wu, Han-Xiong Li,Tingwen Huang,Tao Shen
D-02	2831	后动运输装备故障概率及维修策略分析	Fault Diagnosis and System Operation Safety	吕保达
D-03	2836	An improved Auxiliary Classifier Generated Adversarial network for Bearing Fault Diagnosis	Fault Diagnosis and System Operation Safety	Wei Cao
D-04	2838	Remaining Useful Life Prediction and Health Status Estimation Based on Joint-Loss Convolution Ne	Fault Diagnosis and System Operation Safety	Shuai Lu,Kaixiang Peng,Yaping Du
D-05	2862	Three-Phase Inverter Fault Diagnosis Strategy Based on Compressed Sensing and Wavelet Packe	Fault Diagnosis and System Operation Safety	Chaobo Chen,Wenjie Li,Binbin Zhang,Song Gao,Xueqin Yang
D-06	2872	Remaining useful life prediction of lithium-ion batteries based on the discharge voltage	Fault Diagnosis and System Operation Safety	Yanru Yang,Jie Wen,Yuanhao Shi,Jianfang Jia,Mengwei Li,Jianchao Zeng
D-07	3087	The Optimal State Estimation and IMU Fault Diagnosis of Aircraft Based on Optimal Two-Stage CK	Fault Diagnosis and System Operation Safety	黄伟
D-08	3142	An Intelligent Compound Fault Diagnosis Method Using Convolutional Neural Network for Harmonic	Fault Diagnosis and System Operation Safety	Guo Yang,Yong Zhong,Lie Yang,Jianying Li,Yong Xu,Ruxu Du
D-09	3154	An Adaptive Data Decoupling Model for Rotating Machinery Multiple Faults Diagnosis	Fault Diagnosis and System Operation Safety	Jing Yang,Guo Xie,Yanxi Yang,Haiyu Luo
D-10	3156	基于深度收缩自动编码器长短时记忆网络的智能汽车传感器异常检测	Fault Diagnosis and System Operation Safety	Yukun Fang,Haigen Min,Xiaoping Lei,Xiangmo Zhao
D-11	3168	Wafer Map Defect Recognition Based on Improved 2DPCA Method	Fault Diagnosis and System Operation Safety	Fengxuan Zhou,Xiaogang Deng
D-12	3286	基于双卷积神经网络的暂态故障录波数据分类模型	Fault Diagnosis and System Operation Safety	赵岩,邵密,刘三伟,王子涵,韩睿
D-13	3290	Health Monitoring for Capacitors in Superbuck Converter through LSTM Neural Network	Fault Diagnosis and System Operation Safety	Chenhao Wu
D-14	3311	基于深度神经网络的航空气动传感器故障检测及可解释性分析	Fault Diagnosis and System Operation Safety	董一群,温炯然,薛涛,马金毅,艾剑良
E-01	3361	Adaptive Tracking Control for Rotary Steerable System with Sensor Fault	Fault Diagnosis and System Operation Safety	Yuhan Ma,Shiyang Liu,Li Sheng
E-02	3374	Woa-svm Based Fault Line Selection Method for Small Current Grounding	Fault Diagnosis and System Operation Safety	张作渠,王利恒
E-03	3396	Fault detection and diagnosis of pneumatic control valve based on fuzzy method	Fault Diagnosis and System Operation Safety	Meng Tang,Xiangshun Li
E-04	3405	Anomaly Detection of Automobile Welding Workstation Based on Stacked Autoencoders and Long	Fault Diagnosis and System Operation Safety	Guo Yang,Yong Zhong,Lie Yang,Jianying Li,Yuhao Liang,Ruxu Du
E-05	3418	Type Identification of Partial Discharge Signal Based on EMD Decomposition and GWO-SVM	Fault Diagnosis and System Operation Safety	曹凡兴
E-06	3427	GSA test analysis and optimization strategy for shifting quality of automobile transmission	Fault Diagnosis and System Operation Safety	Zechen Chen,Yuefeng Ni,Zhenwen Chen ,Yongxiang Li ,Xuze Zhang
E-07	3474	Information Fusion and XGBoost Algorithm Used for Bearing Remaining Useful Life Prediction	Fault Diagnosis and System Operation Safety	郭朝有,许誌,姚斌
E-08	3479	Spacecraft Flywheel Fault Detection Based on Kernel Principal Component Analysis	Fault Diagnosis and System Operation Safety	NIE Xiaohui,JIN Lei
E-09	3511	An Attack Path Prediction Method based on The Attack-Defense Game Theory in CBTC	Fault Diagnosis and System Operation Safety	Naiyue Chen,Hongwei Wang,Lingshuai Meng,Yidong Li
E-10	3526	Fault Diagnosis Method of Complex Supply and Transportation Mechanism Based on EEMD Multi-s	Fault Diagnosis and System Operation Safety	Xiaojia Yan,Weige Liang,Mengqi Zhang,Fuqing Tian,Yusen Cheng,Lin Li
E-11	3559	Research and application of automated test for background program of railway CTC system	Fault Diagnosis and System Operation Safety	李智
E-12	3631	An Improved PageRank Algorithm for Critical Nodes Identification in Railway Timetable with Distur	Fault Diagnosis and System Operation Safety	Jingyi Ge,Zhiming Yuan,Qi Zhang
E-13	3674	Fault Diagnosis Based on Deep Residual Shrinkage Network and Maximum Mean Discrepancy	Fault Diagnosis and System Operation Safety	Yujing Zhou,Xianfeng Yuan,Xiaoya Cui,Yong Song,Zihao Sun,Jigang Fan
E-14	3677	H _∞ fault detection observer design for fractional-order singular system	Fault Diagnosis and System Operation Safety	Ren-Jie Cui,Jun-Guo Lu,Yue Hu

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F-01	3720	基于场景聚类的列控系统测试案例生成方法研究	Fault Diagnosis and System Operation Safety	HE Congcong,YAN Fei
F-02	3725	混合PCA和SOM模型的轴承故障检测及分类方法	Fault Diagnosis and System Operation Safety	张普,高小永,丁昆鹏,赵越,林丽华
F-03	3736	Aircraft Wing Ice Online Detection and Fault-Tolerant Control Law Design	Fault Diagnosis and System Operation Safety	Di Ding,Wei Q, Qian,Qing Wang
F-04	3741	Fault Diagnosis of Industrial Robot based on Fuzzy Multi-attribute Decision-making of Knowledge	Fault Diagnosis and System Operation Safety	Yong Li,Zhifen Li
F-05	3797	Online Fault Detection of A Three-tank System Based on Extended State Observer	Fault Diagnosis and System Operation Safety	郭琦心,谭文,王雨桐
F-06	3801	Research on Fault Diagnosis Model of Coal Mills based on FPGA	Fault Diagnosis and System Operation Safety	Jintuo Li,Zhi Yuan,BoYang Ma
F-07	3851	波音747-100/200非脆弱控制器设计	Fault Diagnosis and System Operation Safety	Chen-Zhe Li,Chun-Hua Xie,Yanli Zhou
F-08	3973	Internal Short Circuit Fault Diagnosis for Lithium-ion Battery Using a Novel Voltage Prediction Method	Fault Diagnosis and System Operation Safety	Haitao Yuan,Guangfeng Wang,Naxin Cui
F-09	4014	A rolling bearing fault diagnosis model based on WCNN-BiGRU	Fault Diagnosis and System Operation Safety	Qilin Cheng,Bo Peng,Qiang Li,Siping Liu
F-10	4025	Multi-Parameter Identification of Resonant Wireless Charging System for Electric Vehicles	Fault Diagnosis and System Operation Safety	Ziheng Zhang,Tingzhang Liu,Hao Lu
F-11	4029	Differential Evolution Algorithm Optimized ELM Fault Diagnosis of Flight Control System Actuator	Fault Diagnosis and System Operation Safety	Yifan Wang,Jianwei Liu,Jianhao Xing,Zhihao Dai
F-12	4033	A Summary of Research on Combustion Stability of Coal-fired Power Station Boilers	Fault Diagnosis and System Operation Safety	Guoyuan Cai,Yuguang Niu,Xuefei Liu
F-13	4048	A Local Sensitive Discriminant Analysis Method Based on Mahalanobis Distance: Application of Ind	Fault Diagnosis and System Operation Safety	朱群雄,朱祺,张宇,徐圆,贺彦林
F-14	4092	Interacting multiple model estimator for event-triggered cyber-physical systems against Denial-of-se	Fault Diagnosis and System Operation Safety	Zengwang Jin,Shuting Zhang,Yanning Zhang,Changyin Sun
G-01	4111	Fault Diagnosis of Compensation Capacitor in Joint-less Track Circuit via Long Short-Term Memory	Fault Diagnosis and System Operation Safety	Yuanzhi Shang,Fei Yan,Siyi Feng,Zicheng Wang
G-02	4132	Fault Prediction of On-board Train Control System: An Data Balance-enhanced AdaBoost Approach	Fault Diagnosis and System Operation Safety	Kang-zhi Xu ,Jiang Liu,Bai-gen Cai,Jian Wang
G-03	4168	Backstepping Integral Nonsingular Terminal Sliding Mode Based Fault-tolerant Control of Dual-mot	Fault Diagnosis and System Operation Safety	Fangjun Li,Shengjie Wang,Hao Li
G-04	4246	Hybrid observer design for nonlinear systems with unknown inputs	Fault Diagnosis and System Operation Safety	Li-Mei Wei,Wu Yang
G-05	4248	Research on Data Backup and Recovery of Distributed Embedded System for Aircrafts	Fault Diagnosis and System Operation Safety	Hao Zhang,Hanzhang Peng,Bao Wang,Xiangyu Han
G-06	4262	Granger Causality Models with Gaussian Kernel Functions for Industrial Alarm Correlation Analysis	Fault Diagnosis and System Operation Safety	Wang Wenduo,Li Jince,Li Hongguang, Yang Bo,Qi Chu,Wang Yuehan
G-07	4265	Denosing of Industrial Oscillation Data Based on EEMD-DFA-CCA	Fault Diagnosis and System Operation Safety	Chuangao Chen ,Bingbing He,Xun Lang,Peng Li,Yufeng Zhang,Lei Xie
G-08	4338	基于性能退化指标的剩余使用寿命预测模型及其在轴承中的应用	Fault Diagnosis and System Operation Safety	高玉露,王向华,王静远,王介港
G-09	4350	Identification of root cause alarms by detecting correlations and time delays between alarm variable	Fault Diagnosis and System Operation Safety	Xin Cheng,Wenkai Hu,Weihua Cao,Min Wu
G-10	4387	Research and Improvement of K2 Algorithm Based on Topological Sorting	Fault Diagnosis and System Operation Safety	Yan-Lin He,Wen-Jun Zhao,Yuan Xu,Qun-Xiong Zhu
G-11	4405	Subspace-aided data-driven robust fault observer design for a typical process system	Fault Diagnosis and System Operation Safety	Hao-da Wang,Zhe Li,LI LIU
G-12	4433	Parameter Estimation of Sub-module Capacitors of Modular Multi-level Converter Based on Adaptive	Fault Diagnosis and System Operation Safety	LIU Ming,LI Ze-tao
G-13	4474	Anomalous Signal Detection Method for Slurry Pipelines	Fault Diagnosis and System Operation Safety	Hao Zhao,Qianyin Chen,Weiگو Lin
G-14	4476	CPS Attack Detection of Ships using Particle Filter	Fault Diagnosis and System Operation Safety	Bohua Qiu,Muheng Wei,Wen Xi,Yongjie Li,Qizhong Li
H-01	4517	Research on The Fault Diagnosis Method of Oil-Immersed Transformers Based on The Improved D	Fault Diagnosis and System Operation Safety	Wentian Cui,Cangbi Ding,Mingming Wang,Mingzhao Chu,Yiyu Wang,Liangchen Liu
H-02	4551	Fault diagnosis of DAB converter based on Wavelet Packet-RBF Neural Network	Fault Diagnosis and System Operation Safety	詹铭松,蔡逢煌
H-03	4581	A Fault Diagnosis Method using Convolutional Neural Network with Visualized Samples	Fault Diagnosis and System Operation Safety	Wei Guo,Ranran Liu,Tianhong Pan
H-04	4615	数据驱动的工业过程早期故障诊断: 三类解决方法	Fault Diagnosis and System Operation Safety	纪洪强,刘强,姜川,赵文清
H-05	4625	Application of Data Quantitative Analysis in the Diagnosis of Satellite Attitude and Orbit Control Sys	Fault Diagnosis and System Operation Safety	Fangliang Qian ,Lei Zhang, Kun Xiang ,Zhanghai Nie ,Qichen Meng
H-06	4632	Sequential probability ratio fault text method of diesel-electric locomotive system based on Kalman	Fault Diagnosis and System Operation Safety	Dongsheng Du
H-07	4662	Interval Observer Design for a Class of Nonlinear Time-varying Systems with Application in Fault	Fault Diagnosis and System Operation Safety	Qiyue Xie,Lin Ma,Qiang Fu,Yao Fan,Zhisheng Chen,Xiaoli Wang
H-08	4720	Sensor Fault-Tolerant Control using Robust MPC for LPV Systems	Fault Diagnosis and System Operation Safety	Yushuai Wang
H-09	4755	User Behavior Monitoring Mechanism of Online Shopping Processes based on Hierarchical Colore	Fault Diagnosis and System Operation Safety	郭起,于汪洋,马卓婧,孔金铭
H-10	4859	Causality Analysis of Industrial Process Based on Improved Convergent Cross Mapping	Fault Diagnosis and System Operation Safety	Chenxi Liu,Yanni Deng,Peibang Liu,Yixin Su,Wei jie Huang,Haiyang Fan
H-11	4868	基于图神经网络的输电系统故障诊断方法研究	Fault Diagnosis and System Operation Safety	霍晓东,乔非,尹德斌
H-12	4882	基于知识、数据与机理模型融合的管道泄漏检测方法	Fault Diagnosis and System Operation Safety	徐银萍,周猛,飞,胡寅斌,郭添,蔡亦军,孙小方
H-13	4895	Prediction of Remaining Useful Life of Bearing Based on Long Short-Term Memory Network Optimi	Fault Diagnosis and System Operation Safety	Chuantao Zang
H-14	4948	Attachment Fault Diagnosis for Tidal Stream Turbine based on Improved ShuffleNet_v2	Fault Diagnosis and System Operation Safety	Dingding Yang,Haiyang Peng,Tianzhen Wang
J-01	5065	Research on Fault-tolerant Predictive Control Based on Three-phase Four-switch in Motor	Fault Diagnosis and System Operation Safety	Mengxu Gu,Heng Wan,Zefeng Huang,Fuzhi Qin
J-02	5079	Fault Diagnosis for Marine Main Engines using Improved Semi-Supervised Locally Linear Embeddi	Fault Diagnosis and System Operation Safety	Rui Zhang,Yu Zhang,Xiao Tan,Xueliang Liu,Qizhong Li
J-03	5094	斗轮机物料传输机构转速数字化的应用技术	Fault Diagnosis and System Operation Safety	米多
J-04	5095	Fault diagnosis of modular multilevel converter based on 1DCNN and LSTM network	Fault Diagnosis and System Operation Safety	Longzhang Ke,Yuqing Yang,Xiaojun Liu,Yi Liu
J-05	5161	Research on Fault Early Warning of Wind Turbine Pitch System based on Long Short-Term Memori	Fault Diagnosis and System Operation Safety	Xiongwei Li
J-06	5166	Cross-Modal Knowledge Distillation for Fault Detection under Multiple Failure Modes	Fault Diagnosis and System Operation Safety	Jinghao Zheng,Chongdang Liu,Linxuan Zhang
J-07	5191	PDE-based Adaptive Control of a Flexible Manipulator with Actuator and Sensor Faults	Fault Diagnosis and System Operation Safety	Siyan Tong,Honglei Yang,Shuyang Liu
J-08	5203	A parameter based transfer learning fault diagnosis method under different working conditions	Fault Diagnosis and System Operation Safety	雷雪,陆宁云,陈闯,董斌
J-09	5210	Incipient Fault Detection for Nonlinear Industrial Processes Based on Distributed Weighted Stacked	Fault Diagnosis and System Operation Safety	Huihui Gao,Wenjie Huang,Xuejin Gao,Chen Wei
J-10	5212	Node Gain-based Cooperative Fault-tolerant Tracking Control of Multi-helicopter Systems	Fault Diagnosis and System Operation Safety	Chun Liu,Xin Zhao,Ting Li
J-11	2667	Patch Group-based Simultaneous Sparse Model for Image Denoising	Image Processing and Computer Vision	Wei Yuan,Lili Liang,Han Liu,Anjing Wan
J-12	2796	Spatial non-cooperative object detection based on deep learning	Image Processing and Computer Vision	Dong Zhou,Lina Miao,Xiang Li,Guanghui Sun
J-13	2854	Gesture Recognition Based on Dual-channel Feature Fusion	Image Processing and Computer Vision	Jimin Yu,Maowei Qin,Shangbo Zhou
J-14	2857	Video Moving Object Detection Technology Based on Deep Learning	Image Processing and Computer Vision	Liu Guoming
K-01	2873	Generalized Deep Implicit Surface Network for Image-based Three-dimensional Object Reconstruct	Image Processing and Computer Vision	Yanqiang Zhang,Lijin Fang,Chengpeng Li
K-02	2888	Keypoint Detection Based on Deep Learning to Improve Illumination Robustness	Image Processing and Computer Vision	Changjiang Jiang,Yuhang Zhang,Qin Wang, Sifan Sun
K-03	2891	Face Recognition Method Based on Deep-shallow Feature Fusion	Image Processing and Computer Vision	Changjiang Jiang,Qin Wang,Yuhang Zhang,Sifan Sun
K-04	2892	TLD Tracking Algorithm Based on Feature Fusion	Image Processing and Computer Vision	Junsong Zhang,Xiafu Lv,Congcong Cheng,Zhi Long
K-05	2895	A Visual SLAM Combined with Semantic-Optical Flow Towards Dynamic Environment	Image Processing and Computer Vision	苗升,刘小雄,唐玉婷,秦斌
K-06	2903	Image block encryption integrating hyper-chaotic system and neural network mechanism	Image Processing and Computer Vision	Pengfei Fang,Han Liu,Min Liu,Chengmao Wu
K-07	3032	SC-RegNet: Unsupervised Self-Calibrated 3D Biomedical Image Registration Network	Image Processing and Computer Vision	Jian Yang,Jun Wu,Rui Zhang,Meng Wang,Yujie Tang,Lei Qu
K-08	3053	Bolt 3D Point Cloud Segmentation and Measurement Based on DBSCAN Clustering	Image Processing and Computer Vision	Zhengdong Lu,Zhangqi Zhu,Jianghai Bi,Kuixiang Xiong,JiJun Wang,Chenbin Lu,Zhejing Bao,Wenjun Yan
K-09	3099	Dyna-VO: A Semantic Visual Odometry in Dynamic Environment	Image Processing and Computer Vision	Tianli Ma ,Jie Zhang,Song Gao,Chaobo Chen
K-10	3106	Target tracking algorithm based on improved kernel correlation filtering	Image Processing and Computer Vision	Haode Shi,Jin hou
K-11	3109	Research on Gesture Recognition Method Based on Image Processing and SIFT-SVM	Image Processing and Computer Vision	Xiao-ru Song ,Jia Yang ,Si-meng Zhang ,Song Gao
K-12	3113	A Lightweight Detection Model for Typical Objects in Streetscape Dataset	Image Processing and Computer Vision	Xuemeng Zhao,Hong Zheng
K-13	3126	MultiChannel real-time video container numbers recognition in container yard	Image Processing and Computer Vision	ZhiWei Wan,Qing LIU,Tongcai Liu
K-14	3138	Tilt correction method of pointer instrument	Image Processing and Computer Vision	Zhuocheng Hou,Hua Ouyang,Xin Hu

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A-01	3158	一种改进RetinaNet的装甲车辆目标图像检测方法	Image Processing and Computer Vision	张晓,黄皓冉,赵高鹏
A-02	3160	基于深度学习的热轧钢卷边缘异常检测方法	Image Processing and Computer Vision	陈星
A-03	3194	A Two-Branch Feature Modulated Network for Single Image Deraining	Image Processing and Computer Vision	Xiaoyuan Yu,Wenxuan Qian,Yumin Xie,Wei Xie
A-04	3200	Denoising Method for LiDAR Intensity Image via Combining Adaptive Non-local Means and Exponential Smoothing	Image Processing and Computer Vision	Tao Ma,Xihua Liu,Yunfei Liu,Linlin Du,Chun Wang,Shuangquan Ge
A-05	3226	An Efficient Approach for Gastric Polyps Detection Based on Improved SSD	Image Processing and Computer Vision	Yao Yu,Chanting Cao,Yun Xie,Changyin Sun
A-06	3234	An Improved Object Tracking Algorithm Combining LCT Kernel Correlation Filtering and Kalman Prediction	Image Processing and Computer Vision	Fuqiang Li,Enzeng Dong,Sen Yang
A-07	3237	A General Product Identification Method for Mass Customization based on Deep Learning	Image Processing and Computer Vision	Chenxiao Lin,Shigeru FUJIMURA
A-08	3251	Joint Groupwise Image Registration and Fusion Based on Bounded Generalized Gaussian Mixture Model	Image Processing and Computer Vision	Rui Liu,Hao Zhu,Chunxia Tang,Hamid Esmaeili Najafabadi,Allan De Freitas
A-09	3256	An intelligent hand-washing monitoring platform based on gesture recognition technology	Image Processing and Computer Vision	Zhentian Yue,Fuyong Wang,Zhongxin Liu
A-10	3263	Surface Vortex Image Segmentation in KR Desulfurization Based on Improved SegNet Model	Image Processing and Computer Vision	Pei Wang,Ling Xiong,Binbin Dan
A-11	3267	High-Resolution representation object pose estimation from monocular images	Image Processing and Computer Vision	Qi Guan,Wenfa Li,Shibei Xue,Dewei Li
A-12	3285	An Iris center localization algorithm based on improved snakusculc	Image Processing and Computer Vision	吴弘杰,周后鑫,黄经州,刘剑星
A-13	3302	Research on Automatic Extraction Algorithm of Building Edge Contour Based on Plane Graph	Image Processing and Computer Vision	Hui Zhong Chang Wang
A-14	3319	Polar Transformation Based Rotation Convolution Network for Oriented Object Detection	Image Processing and Computer Vision	Jianfeng Yang,Xiaobo Liu,Xiao Xiao,Zhihua Cai,Xin Gong,Kexin Zheng
B-01	3320	Trajectory Analysis Method Based on Video Surveillance Anomaly Detection	Image Processing and Computer Vision	Xuan Zhou,Yi Chen,Qi Zhang
B-02	3323	基于抑制干扰相关滤波器的无人机实时目标跟踪方法研究	Image Processing and Computer Vision	孙念怡
B-03	3335	Self-Supervised Monocular Depth Estimation via Effective Local Consistency and Multi-scale Attention	Image Processing and Computer Vision	Zhensong Tian
B-04	3346	Generative Wavelet-Multilayer Perception Feature Fusion Method for Zero-Shot Learning	Image Processing and Computer Vision	Qun-Xiong Zhu ,Zi-Shu Gao,Ning Zhang,Yan-Lin He,Yuan Xu
B-05	3349	DOANet: Point Cloud Registration with Deep Overlap Attention	Image Processing and Computer Vision	Haining Guan,Qing Gao,Baochang Zhang
B-06	3364	MonkeyPosekit: Automated Markerless 2D Pose Estimation of Monkey	Image Processing and Computer Vision	Chuxi Li,Chi Yang,Ye-rong Li,Shufei Feng,Zhen Zhang,Yuhao Wang,Qiegen Liu ,Xiao Xiao,Shisheng Xiong
B-07	3380	3D Point Clouds Classification and Segmentation Network Based on Global Features	Image Processing and Computer Vision	Ziyang Gong,Chenfei Kang,Annan Wang,JIawei Wang,Yue Hu,Jun-Guo Lu
B-08	3381	A Direct and Robust Method for Ego-Motion Estimation	Image Processing and Computer Vision	Mingxin Ai,Tie Liu,Haocong Ying,Zejian Yuan,Jing Wang,Yuanyuan Shang
B-09	3391	3D Tunnel Surface Reconstruction Method in Complex Scenarios	Image Processing and Computer Vision	Qing Song,Degang Xu,Shiyu Fang
B-10	3419	Semiglobal Stereo Matching Algorithm Based on Improved Census Transformation	Image Processing and Computer Vision	Naiming Liu
B-11	3423	Image Classification of Zinc Dross Based on Improved MobileNetV2	Image Processing and Computer Vision	Zhizhuang He,Ling Xiong
B-12	3454	Camouflaged target tracking based on a scale-adaptive correlation filter algorithm	Image Processing and Computer Vision	Yang Liu,Congqing Wang,Yongjun Zhou
B-13	3455	An image encryption scheme based on digital fractional Fourier transform and chaos theory	Image Processing and Computer Vision	Pengyi Chen,Tiantian Jiang,jiachang Wang,Yong Wang
B-14	3457	Multi-label Constitution Identification Based on Tongue Image in Traditional Chinese Medicine	Image Processing and Computer Vision	Tian Li,Chunhong Wu,Yichao Lu
C-01	3460	Arbitrary Quadrilateral Planar Object Tracking in TV Program via Shallow and Deep Models Ensemble	Image Processing and Computer Vision	Gang Lu,Yi Mei,Yanhong Gu,Fudong Nian
C-02	3477	A Robust Multi-Object Tracking SLAM System in Dynamic Scenes for Stereo and RGB-D Cameras	Image Processing and Computer Vision	Huaining Ji,Shi-Lu Dai
C-03	3505	UFN-GAN: An unsupervised generative adversarial network for remote sensing image fusion	Image Processing and Computer Vision	Haoran Dai,Xiaobo Liu,Yulin Qiao,Kexin Zheng,Xiao Xiao,Zhihua Cai
C-04	3509	An Improved YOLOv3 Network for PCB Defect Detection	Image Processing and Computer Vision	Gulfang Shao,Yuyun Zheng,Tiejun Li,Jianyi Wu,Fengqiang Gao,Jianqi Ma,Tundong Liu,Jincai Luo
C-05	3534	KC-PointNet: Attentional Network For 3D Point Cloud Processing	Image Processing and Computer Vision	Hongzhang Wang,Hongjie Xu,Chenhao Zhao,Ye Liu
C-06	3535	基于分层强化学习的雅达利游戏决策算法	Image Processing and Computer Vision	唐建林,杨超,陈国文,周斌,胡学敏
C-07	3537	RAFT-SLAM: Deep Optical-Flow Assisted Simultaneous Localization and Mapping	Image Processing and Computer Vision	Chenhao Zhao,Shiyang Meng,Yin Dai,Ye Liu
C-08	3553	Semi-direct Visual SLAM Algorithm Based on Improved Keyframe Selection	Image Processing and Computer Vision	Yuxin Xie,Yelan Wu,Jie Lu,Xiaoqin Lian,Zhiyao Zhao
C-09	3560	Structural Components Recognition Method for Malfunctioned Satellite based on Domain Randomization	Image Processing and Computer Vision	Du Hang
C-10	3607	Design of A Beauty Matching App Based on Support Vector Machine	Image Processing and Computer Vision	Cheng Xinyue
C-11	3609	Object Pose Estimation for UAV Navigation Using an End-to-end Lightweight CNN	Image Processing and Computer Vision	Duan Ran,Guo Yanhui,Lu Peng
C-12	3611	基于YOLO目标检测的指针式仪表读数方法	Image Processing and Computer Vision	陈玖霖,周运森
C-13	3614	Bi-modal Emotion Recognition via Broad Learning System	Image Processing and Computer Vision	许芬,闰文彬
C-14	3625	Learning to Find Good Correspondences Based on Global and Local Attention Mechanism	Image Processing and Computer Vision	Jun Chen,Yue Gu,Linbo Luo
D-01	3632	Nonlinear Fitting Correction of Binocular Ranging Error for Visual SLAM	Image Processing and Computer Vision	Hengbo Liu,Wanghui Bu,Jing Chen
D-02	3635	Shadow Removal without Reference	Image Processing and Computer Vision	沈晓庆,高智,吴鑫,林志鹏,肖一
D-03	3670	An improved CornerNet-Lite Method for Pedestrian Detection of Unmanned Aerial Vehicle Images	Image Processing and Computer Vision	Xiru Wu,Qiwei Xue
D-04	3671	A Flow-Appearance Fusion Defect Detection Method for Substation Equipment in Multi-Scene	Image Processing and Computer Vision	Qingwei Zhang,Jing Wang,Peng Wang,Wenhao Zhou,Chunhui Zhao
D-05	3672	A Flow-Guided Anomaly Detection Method For Substation Equipment in Changing Scenarios	Image Processing and Computer Vision	Qingwei Zhang,Jing Wang,Peng Wang,Wenhao Zhou,Yingxuan Li,Chunhui Zhao
D-06	3712	Multi-features Fusion With Attention And Receptive Field For Camouflaged People Detection	Image Processing and Computer Vision	Shikai Chen, Wanpeng Zhang,Junren Luo,Fengtao Xiang,Jun Zhan,Kaiqiang Wang
D-07	3721	3D shape measurement based on the novel non-aligned phase-coding method	Image Processing and Computer Vision	Le Qi,Xiaogang Zhang,Hua Chen,Lei Zhang,Zhanyu Bu
D-08	3739	A Generative Adversarial Network with Attention Module for Unpaired Image-to-Image Translation	Image Processing and Computer Vision	Rui An,Fei Yan,Tao Deng
D-09	3775	A high-accuracy segmentation and size measurement method for green pellet images using a deep learning network	Image Processing and Computer Vision	Jiaxu Duan,Xiaoyan Liu,Shuyi Zhou,Xin Wu
D-10	3804	Coarse and Fine Structure Combined Model For Full Reference Image Quality Assessment	Image Processing and Computer Vision	Leyuan Wu,Xiaogang Zhang,Hua Chen,Dingxiang Wang,Yu Jiang,Mingyang Lv
D-11	3810	基于频谱姿态迁移与身份特征挖掘的跨模态行人重识别算法	Image Processing and Computer Vision	Li Zhiyong,Jiang Wei
D-12	3827	Real-Time Rotated Object Detection Using Angle Decoupling	Image Processing and Computer Vision	Zheng Wang,Jing Yang,Chao Fang,Lei shen,Fusen Yang,Yi Fanwang,Bin Li,Kun Yuan
D-13	3828	Research on Lane Detection Method of Intelligent Vehicle in Multi-road Condition	Image Processing and Computer Vision	YuGuoQiang,QiuDong
D-14	3838	Behavior Recognition Algorithm Based on Key Points of Human Bones	Image Processing and Computer Vision	Yong Li,Ziqiang Zhao
E-01	3847	An automatic segmentation algorithm for high-throughput digital PCR fluorescence images	Image Processing and Computer Vision	Yue Yu,Min Xiao,Jun Tang,Xuyang Zhang,Pengcheng Dai,Qiuyue Yin
E-02	3857	Occlusion Face Image inpainting Method Based on Multi-scale and Contextual Attention	Image Processing and Computer Vision	Chen Wang,Enzeng Dong,Sen Yang
E-03	3880	Memory-augment convolutional Autoencoder for unsupervised pavement crack classification	Image Processing and Computer Vision	Tianyue Wu,Hui Zhang,Jiaxuan Liu,Yurong Chen,Junfei Yi,Zouquan Zhang
E-04	3881	3D Human Motion Prediction Based on Graph Convolution Network and Transformer	Image Processing and Computer Vision	Chaofei Gao,Tian Wang,Mengyi Zhang,Aichun Zhu,Peng Shi,Hichem Snoussi
E-05	3883	Low-light image enhancement and acceleration processing based on ZYNQ	Image Processing and Computer Vision	陈则河,伍世凌
E-06	3888	An efficient image-based indoor positioning approach using ORB and LSH	Image Processing and Computer Vision	Xinyang Zhou,Bowen Meng,Yuhan Dong,Xin Huang,Kai Zhang
E-07	3917	A Lane Segmentation and Traffic Object Detection Multi-task Neural Network for AR-HUD	Image Processing and Computer Vision	Feng Huizong,Wang Xin,Feng Mingchi,Bu Chuanxia
E-08	3920	A Crack Image Segmentation Algorithm Based on Adaptive T-distribution	Image Processing and Computer Vision	Zhe Wang,Yixiang Liu,Rui Song
E-09	3934	3D object detection and state estimation method based on stereo vision and LiDAR fusion	Image Processing and Computer Vision	Feng Huizong,Sun Bowang,Feng Mingchi,Gao Xiaoqian
E-10	3935	A detecting algorithm for occlusion on the surface of photovoltaic modules based on improved YOLOv3	Image Processing and Computer Vision	Xiaxia Hu,Bo Zhao,Tiany Sun,Shengxian Cao,Siyuan Fan,Huishuang Xing
E-11	3963	An Optimized Image Dehazing Algorithm Based on Local Entropy Theory	Image Processing and Computer Vision	Zhao Zhang,Tian Wang,Tingting Qin
E-12	3986	Detection of Transmission Towers and Insulators in Remote Sensing Images with Deep Learning	Image Processing and Computer Vision	王彤,魏瑞增,王磊,朱凌,周恩泽,刘淑琴,杨鹤猛,王森
E-13	4031	基于特征点光流的高炉料面状态估计方法	Image Processing and Computer Vision	黄建才,蒋朝辉,桂卫华,周科,许川,杨波
E-14	4068	A Depth Estimation Method for Ground Moving Platforms via Detecting Region of Interest	Image Processing and Computer Vision	Yifeng Xu,Yuangqing Xia,Rui Hu,Wenjun Zhao,Jun Liao,Wei Gao
F-01	4120	Research on face defect detection based on fingerprint identification method of detail feature points	Image Processing and Computer Vision	Jianxing Li,Zhiqiang He,Qiuyu Yang ,Zhenyu Liu,Chenhuang Lin

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F-02	4124	Pose-Guided Attention and Alignment (PGAA) for Dislocated Target Person Re-Identification base c	Image Processing and Computer Vision	Chunyan Lyu,Wu Ning,Kejun Wang,Chenhui Wang,Zhengyang Wang
F-03	4130	Image Self-Generation Based Defect Detection Method for Train Brake Pad	Image Processing and Computer Vision	Hao-Dong Zhang,Xue Yuan
F-04	4140	Computer vision-based method for online measuring the moisture of iron ore green pellets in disc p	Image Processing and Computer Vision	Shuyi Zhou, Xiaoyan Liu
F-05	4142	A Multi-Scale Layer-Channel Attention Network for Image Super-Resolution	Image Processing and Computer Vision	Jian Wang,Kaoru Hirota,Bei Pan,Yaping Dai,Zhiyang Jia,Naifu Jiang
F-06	4144	结合3D激光雷达的改进VIO位姿估计方法	Image Processing and Computer Vision	彭刚,陈博成,周奕成,彭嘉杰,周诚,胡滨
F-07	4160	Patterned Fabric Defect Detection Based on Double-branch Parallel Improved Faster-RCNN	Image Processing and Computer Vision	Shaohu Wang,Chengkan Lv,ShuYuan Wang,Zhengtao Zhang*,Xiugin Shang
F-08	4163	Tongue Fissure Segmentation with Attention Bilateral Network	Image Processing and Computer Vision	Yingfan Kan,Xuefei Shi
F-09	4167	Hyperspectral Image Classification for Foreign Bodies in Medicine Based on Spatial-Spectral Fusio	Image Processing and Computer Vision	Yaping Li,Qing Zhu,Yaonan Wang,Hui Zhang,Xianen Zhou,Ating Yin
F-10	4171	No-Reference Image Quality Assessment using Meta-SGD	Image Processing and Computer Vision	Qingqing Yan,Bei Dong,Xin Li,Yiwen Xiang,Dapeng Luo,Longsheng Wei
F-11	4172	Overlapped Human Pose Estimation using Non-Maximum Suppression based on Shape Similarity	Image Processing and Computer Vision	Xuefu Yu,Jinsheng Li,Fei Xiao,Wei Liu,Dapeng Luo,Longsheng Wei
F-12	4194	Autonomous UAV-Based Position and 3D Reconstruction of Structured Indoor Scene	Image Processing and Computer Vision	Xiangyu Wang,Lei Ma,Duo Wang,Bin Su
F-13	4199	基于卷积神经网络的车载红外热图像着色方法研究	Image Processing and Computer Vision	李晴放,阮正,李雪峰
F-14	4201	Interference Suppression Analysis of Preparing Gravity Gradient Reference Map in Frequency Dom	Image Processing and Computer Vision	Tianjiao Li,Bo Wang
G-01	4228	一种新的圆与椭圆特征混合检测算法	Image Processing and Computer Vision	纪军红,宋少航,李云涛
G-02	4233	A Channel-aware Attention Network for Crowd Counting	Image Processing and Computer Vision	Wenzhe Zhai,Jinfeng Pan,Qilei Li,Guofeng Zou,Liju Yin,Mingliang Gao
G-03	4235	A Method of Multiple Lane Detection Based on Constraints of Lane Information	Image Processing and Computer Vision	Long Yang Ma,Hao Zhu,Hong Duan
G-04	4247	基于田间移动式高通量表型机器人的玉米作物茎秆宽度测量	Image Processing and Computer Vision	樊正强,邵斌
G-05	4253	Enabling Multi-scale Features and Double-Attention for Single-image 3D Reconstruction of Urban S	Image Processing and Computer Vision	Jun Miao, Ji Shen,Ruixiang Jiang,Jun Chu,Luanzheng Guo
G-06	4255	Wafer map defect recognition with few shot learning based on hybrid self-attention mechanism and	Image Processing and Computer Vision	Naigong Yu,Huasheng Chen,Qiao Xu,Mohammad Mehedi Hasan
G-07	4264	A Novel 6D Pose Estimation Method for Indoor Objects Based on Monocular Regression Depth	Image Processing and Computer Vision	Jian Liu
G-08	4305	Multiframe super-resolution reconstruction based on information fusion	Image Processing and Computer Vision	Xuyang Wang,Ru Lai,Zhenyu Liu
G-09	4310	Real-time Transparent Object Segmentation Based on Improved DeepLabv3+	Image Processing and Computer Vision	Zhengguang Xu,Benshan Lai,Li Yuan,Tao Liu
G-10	4319	Mechanical Parts Detection Algorithm Based on Enhanced Faster R-CNN	Image Processing and Computer Vision	Yuting Wang,Wenwen Shen
G-11	4336	A Feature-Fusion-based Multi-column Convolutional Neural Network for Crowd Counting and Dens	Image Processing and Computer Vision	宋家强,王庆林,戴亚平,贾之阳
G-12	4342	MDFN: Multi-path Dynamic Fusion Network for Face Reconstruction and Dense Face Alignment	Image Processing and Computer Vision	Kangbo Wu,Zhiyuan Zhou,Xiaoxiao Yang,Xueming Wang
G-13	4343	A Transformer-based Dual Position Attention Network for Recognizing Human-object Interaction	Image Processing and Computer Vision	Yi Xing,Yaping Dai,Kaoru Hirota,Zhiyang Jia
G-14	4357	A Multi-Level Semantic Fusion VoteNet for 3D Object Detection on Point Clouds	Image Processing and Computer Vision	Yihui Xie,Yaping Dai,Zhongjian Dai,Zhiyang Jia
H-01	4359	Occluded Pedestrian Attention Network: An occluded pedestrian Detector	Image Processing and Computer Vision	Menglu Li,Ning Chen,Hao Yuan
H-02	4364	Face detection algorithm based on improved Retinaface	Image Processing and Computer Vision	陈艳菲,吴泽成,彭洪威,周超,晏影深,黄钰量
H-03	4366	Signal-to-noise Ratio Analysis of Infrared Small Target Detection Based on Energy Accumulation F	Image Processing and Computer Vision	Tianlei Ma,Jiaqi Wang,Zhen Yang,Yanan Ku,Chengshuo Zhang,Xiangyang Ren
H-04	4367	Infrared small target detection based on local average contrast enhancement and corner response	Image Processing and Computer Vision	Tianlei Ma,Zhen Yang,Jiaqi Wang,Siyuan Sun,Chengshuo Zhang,Yanan Ku
H-05	4391	Research on automatic conversion algorithm of plate-shaped parts CAD drawings to 3D models bas	Image Processing and Computer Vision	Hui Zhong,Yi Qu
H-06	4415	A Robust to Distractor Detection Method for Multi-layer Industrial Parts Based on Stereo Vision	Image Processing and Computer Vision	Di Jiang,Hua Chen,Chenlu Liu,Xuebo Yang,Weiyang Lin,Xinghu Yu
H-07	4428	Parallax Calculation Network Based on Hybrid Attention Mechanism	Image Processing and Computer Vision	YANG Yanx,SUN Qiao,ZHANG Shaohua
H-08	4441	Underwater Non-uniform Illumination Image Correction Method Based on Dark Channel and Freque	Image Processing and Computer Vision	Guang Liu, Shikang Wu, Yu Shi, Yuerui Zhang,Junxiong Fei,Xia Hua
H-09	4454	基于特征交互的红外与可见光图像融合方法	Image Processing and Computer Vision	王学,邓朋飞,肖铮,王宇阳,孙旭辉
H-10	4455	Dynamic SLAM System Using Histogram-based Outlier Score to Improve Anomaly Detection	Image Processing and Computer Vision	裴福俊,苗助,王京辉
H-11	4458	Using stochastic gradient descent and deep learning to detect detection for medicinal hollow capsul	Image Processing and Computer Vision	Jing Wang,Yifan Wang,Zheng Wang, Ji Xu,Xingxing Zhang,Shihao Tang
H-12	4464	一种基于辅助分割图的半自动地面标识标注方法	Image Processing and Computer Vision	钱梓强,徐汉卿,王春香,杨明
H-13	4467	Bone lesion detection using attention mechanism and multi-scales feature fusion network	Image Processing and Computer Vision	Zhengyao Bai,Cheng Fang,Xin Liu
H-14	4473	Research on the dual-source laser monocular ranging method for UAV inspection of bridge pier cra	Image Processing and Computer Vision	Weijun Shi,Yongpeng Hu,Weiguo Lin
J-01	4483	Research on Infrared Image Processing Algorithm of Generator Carbon Brush Based on Adaptive S	Image Processing and Computer Vision	Shangbin Jiao,Weichao Huang,Bo Geng,Youmin Zhang,Xiaohui Wu,Pengyue Wu
J-02	4511	Robust SLAM in Dynamic Scenarios Based on Deep Learning and Geometric Constraints	Image Processing and Computer Vision	Shuailin Zhou, Zhi Xiong,Yao Zhao,Zheng Peng,Ling Zhang
J-03	4515	Evaluating Image Quality of DIBR-synthesized Views in Texture and Depth Domains	Image Processing and Computer Vision	Guangcheng Wang,Nan Guo,Hongyan Liu,Yonghui Zhang,Yazhen Zhou,Ke Gu
J-04	4536	Real-time Streaming Perception System for Autonomous Driving	Image Processing and Computer Vision	Yongxiang Gu,Qianlei Wang,Xiaolin Qin
J-05	4543	Toward Precise Point Location in Mouse Pose Estimation by Multi-scale Supervised Network	Image Processing and Computer Vision	Junbiao Pang,Shuhong Wan
J-06	4556	Material State Identification of the Conveyor Belt based on Inception-v4	Image Processing and Computer Vision	Jinliang Tang,Zhenyu Cai,Chao Xu,Tehuan Chen
J-07	4572	基于深度学习的糖尿病视网膜病变诊断: 现状与挑战	Image Processing and Computer Vision	ZHAO Liang,FU Yuankun,WEI Zhengjie
J-08	4583	循环一致约束的文本驱动图像编辑	Image Processing and Computer Vision	李波,林霖
J-09	4603	Ubbelohde Viscometer Verification Method and System Based on Computer Vision	Image Processing and Computer Vision	Hongxing Wang,Kun Zhang,Qinqing Xu,Tao Shen,Qinjun Zhao
J-10	4612	An improved non-local means filter for image mixed noise	Image Processing and Computer Vision	Shuang Zhang,Lu Wang
J-11	4617	Bayesian Robust Tucker Decomposition for Multiway Data Analysis	Image Processing and Computer Vision	Zhenhao Huang,Yuning Qiu,Qibin Zhao,Guoxu Zhou
J-12	4618	Fire Detection Method in Infrared Image Based on Improved YOLO Network	Image Processing and Computer Vision	Xiaoxiang Zhao,Min Xiang,Junping He,Chunmei Huang
J-13	4626	Dual correlation attention based relational network for ISAR image recognition with few samples	Image Processing and Computer Vision	Xunzhang Gao,Yi Yang,沈霖沐
J-14	4627	Stereo Matching Algorithm Based on CGAN	Image Processing and Computer Vision	Dong Wei,Han Liu
K-01	4630	基于深度学习的延安狗头枣外部品质分级	Image Processing and Computer Vision	何洪荣,石延新,田景,杨延涛
K-02	4635	Convolutional Self-Attention Neural Network for Multi-Step Forecasting of Environmental Image Ser	Image Processing and Computer Vision	Siyuan Yang,Teng Li,Clarence W. de Silva
K-03	4637	基于模糊理论的气体红外图像边缘检测算法	Image Processing and Computer Vision	王琦,潘章童,张磊
K-04	4643	Multi view 3D reconstruction method for weak texture objects based on "eye-in-hand" model	Image Processing and Computer Vision	Xuan Gong,Xin Chen,Xu Jian,Wenpeng He
K-05	4644	Maize Seedling and Weed Detection based on MobileNet3-YOLOv4	Image Processing and Computer Vision	Liu Cheng,Shao Shiquan,Gao Wei
K-06	4649	Semi-supervised Robust Dual-graph Concept Factorization via $\mathcal{S}_L(2,1)$ Norm	Image Processing and Computer Vision	Qi Jiang,Yuyuan Yu,Qibin Zhao,Weijun Sun
K-07	4659	Early gastric cancer detection based on the combination of convolutional neural network and attent	Image Processing and Computer Vision	Xinyi Li,Yi Chai,Ke Zhang,Weiqing Chen,Pengfei Huang
K-08	4690	Defects detection of steel based on YOLOv4	Image Processing and Computer Vision	Chengfei Li,Jialun Cai,Shihan Qiu,Huijie Liang
K-09	4691	Adversarial Learning-Based Automatic Evaluator for Image Captioning	Image Processing and Computer Vision	Qianxia Ma,Duo Wang,Pinjie Li,Jingyan Song,Tao Zhang
K-10	4696	Video Stabilization for Sea Scenes via Low-Rank Alignment and effective Visual Cues	Image Processing and Computer Vision	Yunfei Ma,Huan Wang
K-11	4702	Automatic Segmentation of Dynamic Thyroid Ultrasound Images Based on An Improved DRLSE Mc	Image Processing and Computer Vision	Qing Guo,Zixun Jiang,Huaqing Wang,Mingan Yu,Zhenglong Zhao
K-12	4724	一种视频语义结构信息辅助的弱监督时序动作定位方法	Image Processing and Computer Vision	孔德慧,许梦文,李敬华,王少帆,尹宝才
K-13	4729	Depth-aware imbalance learning for Monocular 6DoF Vehicle Pose Estimation	Image Processing and Computer Vision	He Liu,Huaping Liu,Fuchun Sun
K-14	4733	Graph Attention based Point Cloud Registration	Image Processing and Computer Vision	Tong Liu,Xinlei Li,Jingyuan Han
L-01	4737	SAR Ship Detection Based on Attention Pyramids Network for Complex Scenes	Image Processing and Computer Vision	Lin Wang,Yuting Lu,Xiaochen Liu,Zaidao Wen
L-02	4746	Temporal Enhanced Multi-Stream Graph Convolutional Neural Networks For Skeleton-Based Actio	Image Processing and Computer Vision	Tianyuan Wang,Zhonghua Sun,Kebin Jia,Jinchao Feng
L-03	4750	Optimization algorithm of convolutional neural networks based on momentum and fractional order g	Image Processing and Computer Vision	Yuyu Zhu,Jianzhen Li,Yue Cai,Biyu Guo
L-04	4758	A dualcimer keys positioning method based on improved Roberts operator	Image Processing and Computer Vision	De Tang,Ziyang Zhang,Xin Chen,Zhe Xiao,Mengxi Qin
L-05	4762	Image denoising with heterogeneous low rank matrix factorization	Image Processing and Computer Vision	Yuanyang Chen
L-06	4764	基于位置注意和多视图几何的鲁棒视觉里程计模型	Image Processing and Computer Vision	曹以隽,张显石,罗福亚,彭鹏,李永杰
L-07	4768	结合自上而下引导注意的夜间热红外图像彩色化	Image Processing and Computer Vision	罗福亚,李云翰,曾广,彭鹏,王刚,李永杰

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L-08	4770	一种受拓扑视觉理论启发的显著目标检测方法	Image Processing and Computer Vision	彭鹏,杨开富,罗福亚,季永杰
L-09	4771	交通场景结构引导的视觉注意模型	Image Processing and Computer Vision	杨开富,何得淮,季永杰
L-10	4773	鱼视网膜启发的大气散射降质图像增强方法	Image Processing and Computer Vision	张显石,杨开富,季永杰
L-11	4779	一种具有去噪和颜色恢复功能的快速低光照图像增强方法	Image Processing and Computer Vision	韦新棚,张显石,王世森,程成,黄衍林,杨开富,季永杰
L-12	4782	Design and implementation of infrared image preprocessing system based on FPGA	Image Processing and Computer Vision	Lankun Li,Wancheng Liu,Ruiqi Lei,Longjun Liu
L-13	4814	An Attention-Based Deep Learning Model for Pedestrian Attribute Recognition	Image Processing and Computer Vision	WeiyingHuang,Wenhua Li,An-Min Zou
L-14	4819	Spectrogram-based Aging Assessment for Insulations on Stator Coil Bar	Image Processing and Computer Vision	Shuo Liu,Yue Zhang,Bo Hu,Jian Ding,Jianji Wang

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展板编号	paper-id	paperTitle	topic	authorName
A-01	4826	LAF-Net: Local attention fusion for point cloud semantic segmentation	Image Processing and Computer Vision	Shuangxi Du,Huijie Fan,Yandong Tang,Yanzhu Zhang
A-02	4832	Colorectal Polyp Segmentation Based on Group Convolution and Transformer	Image Processing and Computer Vision	Xue Zhou,Zhengyao Bai,Qianjie Lu,Ao Huang,Shenglan Fan
A-03	4837	Fast Distributed Stochastic Nesterov Gradient Descent Algorithm for Image Classification	Image Processing and Computer Vision	Dequan Li,Yuheng Zhang,Yuejin Zhou
A-04	4875	Ship Detection Based on Aerial Images with Modified YOLOv5	Image Processing and Computer Vision	Xiangdong Wu,Yimin Zhou
A-05	4888	EU-Net: A Novel Semantic Segmentation Architecture for Surface Defect Detection of Mobile Phone	Image Processing and Computer Vision	Jiawei Pan,Deyu Zeng,Qi Tan,Zongze Wu,Zhigang Ren
A-06	4891	Detection of Mobile Phone Screen Defect Based on Faster R-CNN Fusion Model	Image Processing and Computer Vision	Zhihao Chen
A-07	4933	Coordinate transformation and connection feature for Skeleton-based action recognition	Image Processing and Computer Vision	Junling Zheng,Wensong Chan,Shaoyi Du,Fei Zhao,Zhiqiang Tian
A-08	4942	Robust Discriminative Object Tracker Optimized with KL Divergence	Image Processing and Computer Vision	Xiaobin Guo,Baojie Fan
A-09	4943	SiamTD: Siamese twin delayed deep deterministic policy gradient for robust Object Tracking	Image Processing and Computer Vision	Yuzhu Wu,Baojie Fan
A-10	4958	Identify the Main Retinal Vessels using Vessel Structure Similarity Assessment	Image Processing and Computer Vision	Guandi Ren,Guannan Wu,Yue Qi,Qiujie Deng,Jiangtao Li,Huiqi Li
A-11	4969	基于深度学习的多鱼眼全视角度深度估计方法	Image Processing and Computer Vision	刘世敬,李睿,苏晓杰
A-12	4988	Multi-Layer Flat Refractive Underwater Camera Calibration for Visual SLAM	Image Processing and Computer Vision	Chunhui Ni,Baojie Fan
A-13	4990	Spatial-temporal Transformer For Skeleton-based Action Recognition	Image Processing and Computer Vision	Qipeng Zhang,Tian Wang,Mengyi Zhang,Kexin Liu,Peng Shi,Hichem Snoussi
A-14	4994	Scanpaths Prediction Based on Signals Competition	Image Processing and Computer Vision	Kepei Zhang,Meili Lu,Jinghan Wu,Fei Wang,Xuetao Zhang
B-01	5006	Flare Soot Monitoring Based on Thermal Infrared Image Processing and Attention-based Meta-learn	Image Processing and Computer Vision	Nan Guo,Ke Gu,Junfei Qiao
B-02	5021	A Registration Method of Multi-View Point Clouds Using Turntable and Monocular Structured Light	Image Processing and Computer Vision	ZhiKang Zeng,Tong Jia,JunCai Ma
B-03	5023	Algorithm for Target tracking using modified image filtering based on statistical features and GMM	Image Processing and Computer Vision	Zichao YAO,Jianshou KONG
B-04	5025	Deep Learning-based Method for PV Panels Segmentation and Defects Detection with Infrared Im	Image Processing and Computer Vision	Chenjie Ruan,Wuqin Tang,Xiaochen Hu,Wenjun Yan
B-05	5026	Uncertainly Guided Multi-Scale Underwater Image Enhancement Network with Tone Mapping Block	Image Processing and Computer Vision	Xuan Ding,Hang Dong,Yu Guo,Fei Wang
B-06	5030	A Data Augmentation Strategy for Skeleton-Based Fall Detection	Image Processing and Computer Vision	Yufan Zhao,Yu Gao,Jiliang Zhai,Dongxu Li
B-07	5036	基于注意力机制和生成对抗网络的图像超分辨率方法研究	Image Processing and Computer Vision	王令昌,李睿,张海斌
B-08	5050	Defect detection method with local low pass filter and adaptive threshold segmentation for photov	Image Processing and Computer Vision	Wanjie Hu,Yaonan Wang,Chengzhong Wu,Qing Zhu,Xianen Zhou
B-09	5055	Fixed-point Quantization for Vision Transformer	Image Processing and Computer Vision	Zhexin Li,Peisong Wang,Zhiyuan Wang,Jian Cheng
B-10	5061	Object Detection Of Flexible Object With Arbitrary-Oriented Based On Rotation Adaptive YOLOv5	Image Processing and Computer Vision	Jiajun Wu,Jiaming Ji,Lumei Su,Tianyou Li
B-11	5064	Research on Oscillatory Hydrofoil Deformation Measurement Method Based on Image Edge Fitting	Image Processing and Computer Vision	Jing Xue,Hang Dong,Cun Cai,Ming Li
B-12	5071	A Fast Photometric Stereo Algorithm with Un-calibration Lights for Surface Reconstruction	Image Processing and Computer Vision	Jiande Zhang
B-13	5082	Adversarial Attacks on Faster R-CNN: Design and Ablation Study	Image Processing and Computer Vision	Jiawei Liu,Yuhao Wang,Yue Yin,Yunfeng Hu,Hong Chen,Xun Gong
B-14	5087	PECGAN: Endpoint Conditioned Trajectory Prediction via Generative Adversarial Network	Image Processing and Computer Vision	Xiangyu Li,Yusheng Peng,Wenming Wu,Guofeng Zhang,Liping Zheng
C-01	5110	基于自适应排序融合注意力网络的带钢表面缺陷检测	Image Processing and Computer Vision	刘坤,刘铁旭,陈海永,陈鹏
C-02	5120	Narrowband RFI Suppression Based on Gaussian Function for UWB Synthetic Aperture Radar	Image Processing and Computer Vision	Liang Kang,Hongtu Xie,Ni Xie,Xinqiao Jiang,Kaipeng Chen,Guoqian Wang
C-03	5137	复杂背景下密集昆虫视觉检测计数方法研究	Image Processing and Computer Vision	刘胜慧,宋丽梅
C-04	5139	Deep Learning based Iterative 6D Pose Estimation	Image Processing and Computer Vision	Peng Chen,Zhusui Zheng,Wang Dai
C-05	5141	Instance Segmentation of Overlapping Cervical Cells Based on Boundary Tracking	Image Processing and Computer Vision	Linlin Zhu,Hong Du
C-06	5144	Improved Fusion Change Detection of Foliage-concealed Target for Low Frequency UWB SAR	Image Processing and Computer Vision	Hongtu Xie,Kaipeng Chen,Ni Xie,Kang Liang,Xingqiao Jiang,Guoqian Wang
C-07	5146	STD-TR: End-to-End Spatio-Temporal Action Detection with Transformers	Image Processing and Computer Vision	Zexian Li,Tian Wang,Aichun Zhu,Kexin Liu,Peng Shi,Hichem Snoussi
C-08	5154	A Multi-modal Panoramic Speaker Localization Method	Image Processing and Computer Vision	Ying-Zuo Long,Yue-Wei Jian,Zhen-Tao Liu
C-09	5163	Real-time Object Detection Algorithm For Underwater Robots	Image Processing and Computer Vision	Ge Wei,Sun Jia,Xu Yihang,Zheng Hao
C-10	5173	Horizontal Feature Pyramid Network for Object Detection in UAV Images	Image Processing and Computer Vision	Weiqian Tang,Jian Sun,Gang Wang
C-11	5194	A Tongue Detection Method Based on SSD Network Model	Image Processing and Computer Vision	Yiling Wang,Zhihang Ji,Lin Wang,Jianqiang Song,Ruijuan Zheng
C-12	5202	Industrial Field Video Transmission System Based on OpenDDS	Image Processing and Computer Vision	Weiyuan Cheng,Xiaogang Zhang,Hua Chen,Shaoyuan Wang,Le Qi
C-13	5211	An 8-bit Fixed Point Quantization Method for Sparse MobileNetV2	Image Processing and Computer Vision	Jinxiang Yu,Ximing Yu,Yilin Liu,Liansheng Liu,Xiyuan Peng
C-14	5213	Deep learning of Hash Method for Fast Image Retrieval	Image Processing and Computer Vision	Taiying Peng,Tian Wang,Kexin Liu,Mengyi Zhang,Peng Shi,Hichem Snoussi
D-01	5228	Air volume setting model of municipal solid waste incineration process based on color moment feat	Image Processing and Computer Vision	潘晓彤,汤健,丁海旭,段清杉,乔俊飞
D-02	5238	An Enhanced Adaptive Sobel Edge Detector Based on Improved Genetic Algorithm and Non-Maxim	Image Processing and Computer Vision	ShuKang Chen,Xu Yang
D-03	5243	Continuous Teacher-Student Learning for Class-Incremental SAR Target Identification	Image Processing and Computer Vision	Yuting Lu,Zaidao Wen,Xiaoxu Wang,Jiarui Wang,Quan Pan
D-04	5249	Detection method of various types of auto lamps based on improved Faster R-CNN model	Image Processing and Computer Vision	Biyu Guo,Wei Chen,Jingfeng Zhang,Yuyu Zhu
D-05	5252	Ship Recognition Method Based on Spiking Neural Networks in Synthetic Aperture Radar Images	Image Processing and Computer Vision	Hongtu Xie,Ni Xie,Kang Liang,Lin Zhang,Jintang Li,Guoqian Wang
D-06	5266	A Tongue Color Classification Method in TCM Based on Transfer Learning	Image Processing and Computer Vision	Linghao Zhao,Jianqiang Song,Lin Wang,Zhihang Ji,Qingtao Wu
D-07	5364	Generation and Control of Color Flame Image Based on GAN	Image Processing and Computer Vision	Zhikai Yang,Teng Wang
D-08	5387	XJU-MLSIG: A Multilingual Online Signature Database	Image Processing and Computer Vision	Yuhang Chen,Mahpirat,Wenxiong Kang,Alimjan Aysa,Kurban Ubul
D-09	2674	Architecture of The Industrial Controller Development Platform	Industrial Internet Architecture, Theory and Method	Dasheng Yang,Bin Wei,Zaisheng Pan,Chao He,Xiao Lai
D-10	3345	Research and Implementation of Equipment Processing Enterprise Management System Based on	Industrial Internet Architecture, Theory and Method	Wenguo Zheng,Jianqi An,Feng Yin,YanZhuo Cen,Wenjia Don
D-11	4121	Short Blocklength Coding and Cloud Controller Design: an AGV Example	Industrial Internet Architecture, Theory and Method	Yue Qiao,Yusun Fu,Muyun Yuan,Genke Yang
D-12	4151	An Asymmetric Direct-Connected Network for Rolling Bearing Fault Diagnosis	Industrial Internet Architecture, Theory and Method	Dan Long,Feng Qiu,Manfei Xu,Jie Lin,Shuai Wang,Dou An
D-13	4152	DL-RLSTM: An Anomaly Detection Framework for High Dimensional Time Series Data	Industrial Internet Architecture, Theory and Method	Shuai Wang,Zhihong Liu,Qianke Xiao,Jie Lin,Dan Long,Dou An
D-14	4153	Modeling and verification of Industrial Microservice Architecture Based on Formal Methods	Industrial Internet Architecture, Theory and Method	Meng Xiangxi,Duan Xiangyu,Tao Wei,Luan Yan,Zhang Juanjuan,Wu Donghan
E-01	4431	An Efficient Protocol Conversion Mechanism Between Profinet Network and IPv6 Backhaul Network	Industrial Internet Architecture, Theory and Method	Anhua Deng,Heng Wang
E-02	4495	Design of Over-the-Air Firmware Update and Management for IoT Device with Cloud-based REST	Industrial Internet Architecture, Theory and Method	Changqing Sun
E-03	4513	An Endogenous Security Protection Framework adapted to 5G MEC in Power Industry	Industrial Internet Architecture, Theory and Method	Huo Xuesong,Liu Wei,Zhang Tao,Huang Haidong,Yang Kangle,Pei Pei
E-04	4526	TMAC: an Active Defense Architecture adapted to Microkernel Operating System for Power ICS	Industrial Internet Architecture, Theory and Method	Huang Haidong,Liu Wei,Zhang Tao,Huo Xuesong,Bai Chenyang,Zhang Hongpeng
E-05	4651	钢铁企业环保智能管控平台建设及应用	Industrial Internet Architecture, Theory and Method	杨钊,方翔壁
E-06	4654	A Novel Nonlinear Mapping based Compatibility Method for Zero-Shot Classification in Intelligent F	Industrial Internet Architecture, Theory and Method	Jie Lin,Ran Ye,Xiaolei Su,Dou An
E-07	4684	A Novel Safety-enabled Belief-based Behavioral Decision-making Method for Autonomous Driving	Industrial Internet Architecture, Theory and Method	Dexiang Liu,Xueying Chen,Guodong Hua,Lei Mo
E-08	4685	A Safety Lane Change Method Based on Sensor Data Fusion Designed for Assistance Driving	Industrial Internet Architecture, Theory and Method	Xueying Chen,Dexiang Liu,Guodong Hua,Lei Mo
E-09	4830	Rateless Codes for Reliable and Secure Packet Transmission in Industrial Control Systems	Industrial Internet Architecture, Theory and Method	Muyun Yuan,Yusun Fu,Yue Qiao,Genke Yang,Weiwei Yan
E-10	4863	保证轮询时延上界的AFDX网络VL最优设计	Industrial Internet Architecture, Theory and Method	吕经纬,姚淑珍,王永光,谭火彬
E-11	5076	Communication and Computation Resource Allocation for Digital Twin in IIoT Systems	Industrial Internet Architecture, Theory and Method	Cheng Ren,Cailian Chen,Peizhe Li,Xinping Guan
E-12	5143	An Unified Asset Management Architecture Based on OPC UA	Industrial Internet Architecture, Theory and Method	Qihang Zhou,Yihao Wu,Shibo He,Zhiqiao Shi,Jiming Chen
E-13	5200	非仿射多智能体系统的保性能分布式同步控制	Industrial Internet Architecture, Theory and Method	孟文超
E-14	5240	A Heuristic AP Deployment Approach for Industrial Wireless Networks	Industrial Internet Architecture, Theory and Method	Jin Du,Wei Xiong,Jia Wang,Xianghui Cao
F-01	2875	Quasi-min-max Discrete-time MPC of Time-delay MIMO Systems with Application to Mobile Robots	Industrial Robots and Service Robots	Yuanlong Xie,Liqun Jiang,Pengcheng Li,Shiqi Zheng,Hao Wu,Shuting Wang
F-02	2886	Redundant-Manipulator Minimal Motion via Different-Precision Discrete-Time Zhang Neural Dynam	Industrial Robots and Service Robots	Zanyu Tang,Jinjin Guo,Jianrong Chen,Yunong Zhang

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F-03	3039	5G与新一代信息技术在工业中的融合研究	Industrial Robots and Service Robots	Hong Zhang
F-04	3092	Research on the Control System Based on the Anchoring Robot	Industrial Robots and Service Robots	Song Han
F-05	3104	Research on Trajectory Tracking Control of WallClimbing Robot Based on Dual Track Magnetic Ads	Industrial Robots and Service Robots	Ruiji Zhou
F-06	3177	Hybrid Vision/Force Control of Robotic Autonomous Assembly for 110kV Hot-line Maintenance	Industrial Robots and Service Robots	Mingqi Chen,Wanyu Lu,Xuwu Liu,Shaodong Li,Fang Gao,Feng Shuang
F-07	3178	机器人柔性关节的级联自抗扰控制	Industrial Robots and Service Robots	刘钦超
F-08	3184	Research on Drag Control Algorithm of Cooperative Robot Based on Torque Compensation	Industrial Robots and Service Robots	ZHU Dezhi,GAN Yahui,DAI Xianzhong
F-09	3186	基于超声辅助的核酸快速提取系统设计与实现	Industrial Robots and Service Robots	HuangYulin,Zhang Dongxu
F-10	3201	Qualitative Prediction of Characteristic Parameters in Robotic MAG Welding Using Fuzzy Logic and	Industrial Robots and Service Robots	Yueyu Wu,Gong Zhang ,Qunxu Lin , Zhicheng Hou,Zheng Xu,Qunhua Xu ,Yuhang Zhang
F-11	3210	Visual Semantic Planning for Service Robot via Natural Language Instructions	Industrial Robots and Service Robots	Kaiqiang Wang,Yu Zhang,Chaoyuan Jiang,Junren Luo,Xueke Yang,Shikai Chen
F-12	3219	A Data Acquisition Method for Vehicle Geometry Passability Measure	Industrial Robots and Service Robots	Jiaping Chen,Kebin Jia,Zhijiu Wang,Zhonghua Sun
F-13	3238	高危化工机器人研究与应用综述	Industrial Robots and Service Robots	于铭瑞,贾永杰,李翔
F-14	3254	Semantic OctoMap SLAM Based on Improved HRNet	Industrial Robots and Service Robots	Tong Bie,Xiaoqing Zhu,Yu Fu,Quanmin Wang
G-01	3257	In-container Robot Palletizing with 3D vision-based Datum Point Positioning	Industrial Robots and Service Robots	Runze Li,Siyuan Fan,Jinliang Hou,Qingwen Hou,Xianzhong Chen
G-02	3282	Robot Arm Control and Automatic Wiring System Based On Distribution Transformer Detection	Industrial Robots and Service Robots	朱博迪,崔逸群,邓楠狄,毕玉冰,王文庆,刘超飞,赵宇新
G-03	3305	机器人用交流伺服电机齿槽转矩的计算与分析	Industrial Robots and Service Robots	党成涛
G-04	3358	Nonlinear Adaptive Sliding Mode Control for Underactuated Three Dimensional Tower Crane System	Industrial Robots and Service Robots	Bozhan Shen,Yuzhe Qian,Die Hu,Yuzhu Chen
G-05	3399	A Novel and High-efficiency Razor Clam Inspired Burrowing Robot that Utilizes Localized Fluidizati	Industrial Robots and Service Robots	Bingxin Zhao,Linsen Xu,Lei Liu,Song Han,Jie Long,Jinfu Liu
G-06	3403	TDCNB: Target-Driven Navigation with Convolutional Information Branch Based on Deep Reinforc	Industrial Robots and Service Robots	Xinzhou Zhao,Tian Wang,Kexin Liu,Mengyi Zhang,Peng Shi,Hichem Snoussi
G-07	3412	New Hierarchical Sliding Mode Control Method for Velocity Tracking of the Spherical Robot	Industrial Robots and Service Robots	Yifan Liu,Yixu Wang,Xiaoqing Guan,Tao Hu,Yu Wang,Guang Li
G-08	3414	A novel ADRC structure with a relaxed assumption on control gain	Industrial Robots and Service Robots	Zhixiang Chen
G-09	3451	Prediction of the eigenfrequency of industrial robots based on ANN model	Industrial Robots and Service Robots	Kai Wu,Jiaquan Li
G-10	3473	A SLAM Method Based on Cardinality Balanced Multi-Bernoulli Filter	Industrial Robots and Service Robots	Zijing Zhang,Fei Zhang
G-11	3486	A heterogeneous master-slave teleoperation method for 7-DOF manipulator	Industrial Robots and Service Robots	Rong Su,Ke Xu,Liang Zhao,Peng Yu
G-12	3518	基于非奇异快速终端滑模面的机械臂有限时间收敛的轨迹跟踪鲁棒控制方法	Industrial Robots and Service Robots	Zhang Shijie,Wu Xiang,Cao Yi
G-13	3567	智能仓储物料搬运机器人的研究与设计	Industrial Robots and Service Robots	王龙
G-14	3608	Real-time Electronic Image Stabilization for Spherical Robot Based on Inertial Measurement Unit	Industrial Robots and Service Robots	Wei Ren,You Wang,Yifan Liu,Wei Jiang,Guang Li
H-01	3647	Bio-inspired Trajectory Generation for Robotic Manipulators Based on Intrinsic Tau Exponential Gui	Industrial Robots and Service Robots	Zhiqiang Wang,Jinzhu Peng,Shuai Ding
H-02	3683	A New Impedance Control Method for End Effector Manipulator of Autonomous Unmanned System	Industrial Robots and Service Robots	孙光辉,赵彤宇,姚蔚然
H-03	3727	Roof Supports Measurement in Coal Mining by 3D Registration and Model Fitting	Industrial Robots and Service Robots	Yan Dong,Tao Zhang,Yongqiang Wang,Xingfu Zhang,Jun Zhu,Xin Yang,Bin Han
H-04	3742	Screw-based Adaptive Fuzzy Sliding-mode Control for Rigid Manipulator Subject to Uncertain Nonli	Industrial Robots and Service Robots	Meiling Hu,Xuebo Yang,Ying Gao,Weiyang Lin
H-05	3790	A New Distributed Localization Approach for Multi-Robot Formation Control Systems	Industrial Robots and Service Robots	Wei Quan,Shouwu Zhang,Qing Li,Heng Wang
H-06	3809	Design of adaptive compliance control algorithm for upper limb exoskeleton rehabilitation robot	Industrial Robots and Service Robots	Xiaoqing Yuan,Tong Zhou,Junjie Ji,Yuxuan Liu,Wendong Wang ,Fangfang Yue
H-07	3812	《基于扰动观测器的机械臂非奇异终端滑模控制》	Industrial Robots and Service Robots	徐宝珍,宋公飞,李涛
H-08	3816	A Mobile Robotic System for Data Center Thermal Environment Measurement and Reconstruction	Industrial Robots and Service Robots	Qin, Ronghan, Fang, Qiu,Wang, Yaonan
H-09	3841	具有避障能力的机器人技能学习动态系统方法	Industrial Robots and Service Robots	梁昕宇,金聪聪,张文安
H-10	3898	Design of positioning and mapping system for space station mobile robot based on ROS	Industrial Robots and Service Robots	Qingmei Chen,Yang Qi,Gang Chen,Jie Liu,Yu Wang,Zifan Gao
H-11	3918	A trajectory tracking control method for quadrupe robot based on limit value	Industrial Robots and Service Robots	Li zihang
H-12	3943	Research on Attitude Control of Remote Operated Vehicle Based on Multi-motor Synchronous Prop	Industrial Robots and Service Robots	Qingjun Zeng,Yang Wang,Wei Wu,XiaoQiang Dai,Chuanxu Yan,ZhenChong Liu
H-13	3956	Task space adaptive neural tracking control for uncertain flexible-joint robot with output constraints	Industrial Robots and Service Robots	Fuxi Wan,Yuxiang Wu
H-14	3961	A new laser-based loop detection method for laneway environment 3D mapping	Industrial Robots and Service Robots	Zeyao Huang,Jun-Guo Lu
J-01	3974	A Real-time Football Goalkeeper Robot System Based on Fuzzy Logic Control	Industrial Robots and Service Robots	Jinyan Tian,Hanzhong Liu,Shilu Dai,Chenguang Yang
J-02	4002	基于局部地图重载的ORB-SLAM2位姿估计方法	Industrial Robots and Service Robots	谭则杰,许巍,彭刚,周诚,胡滨
J-03	4040	Improved A* algorithm for automatic guided transport vehicle path planning	Industrial Robots and Service Robots	Ming Fang,Wenhui Luo,Yue Qi,Yixin Su,Xinyang Wang,Conghui Yin
J-04	4083	PDE Model-based Adaptive Control for Rigid-flexible Manipulator with Actuator Fault and Asymmetr	Industrial Robots and Service Robots	Honglei Yang,Siyuan Tong,Shuyang Liu
J-05	4085	基于强化学习DDPG的工业机器人装配问题研究	Industrial Robots and Service Robots	高启明, 常方乐
J-06	4087	Stewart-Inspired Posture Control for a UAV Undertaking Platform Basing on Dynamic Model Predict	Industrial Robots and Service Robots	Zhang Hao ,Wang Shoukun,Yan Zehao, Wang Junzheng
J-07	4119	A Pose Estimation Approach Based on Keypoints Detection for Robotic Bin-picking Application	Industrial Robots and Service Robots	Xuebing Liu,Yaonan Wang,Qing Zhu,Xiaofang Yuan,Junlan Wu,Hongmin Zhou,Xianen Zhou
J-08	4146	基于图像的大型部件污渍识别与清洗质量评价	Industrial Robots and Service Robots	段航琪,彭刚,关尚宾,杨洪
J-09	4270	Adaptive Time Delay Control of Robotic System Subject to Payload	Industrial Robots and Service Robots	Shini Chen,Xia Liu,Yong Yang
J-10	4294	Research on dual-arm robot coordinated transportation method based on admittance control	Industrial Robots and Service Robots	Zirun Zhang,Jun Zhang,MaoLin Lei,Dawei Zhang
J-11	4313	Design and verification of RPN Neutron Source Test Robot	Industrial Robots and Service Robots	Qian-bo Wang,Xin Liu,Bo Lv,Zhi-jun Zhang,Yun Chen
J-12	4346	A Corner Feature Detection Algorithm for 3D Grid Map	Industrial Robots and Service Robots	Jinyu Lu,Youkun Fan,Shumei Yu,Rongchuan Sun, Lining Sun
J-13	4386	The Development of Target Robot with Avoidance Function	Industrial Robots and Service Robots	Minjie Liu,Fangfang Kuang,Yuying Zhou,Ding Wang
J-14	4398	Research on PMSM Driver based on SiC MOSFET	Industrial Robots and Service Robots	吴尧,牛丽博,王东文,张梦霏
K-01	4429	Research on a Visual SLAM Loop Closure Detection algorithm based on a VGG-19 network	Industrial Robots and Service Robots	刘晓阳,童朝旻,王启来,高良良,叶启凡,陈晓艳
K-02	4544	Online Adaptive and Attention-based Reference Path Generation for Upper-limb Rehabilitation Rob	Industrial Robots and Service Robots	张煜,程龙
K-03	4562	Force Control of Swirling Sucker for Underwater Concrete Drilling Robot	Industrial Robots and Service Robots	Shilun Du,Bonan Chen,Yong Lei
K-04	4573	Research on Vision Control System of Pipeline Robot	Industrial Robots and Service Robots	Shuangye Chen,Hai Hu,Wuhao Guan,Chengyi Huang,Weijing Gong,Xueliang Xu
K-05	4576	Initial pose estimation and update during robot path planning loop	Industrial Robots and Service Robots	Ziang Zhang,RuoZhu Wu,Yu Pan,You Wang,Guang Li
K-06	4588	Master-slave Control System of Data glove and Manipulator based on Multi-sensor Fusion	Industrial Robots and Service Robots	Yingkun Zhang
K-07	4600	Localization of coal mine rescue robots based on multi-sensor fusion	Industrial Robots and Service Robots	Lin-Na Zhou,Tie Lu,Yuqin Zhu,Yingnan Zhang,Yu Jiang,Yang Chunyu
K-08	4619	Trajectory Adaptation and Safety Control via Control Barrier Functions for Legged Robots	Industrial Robots and Service Robots	Wei Liu,Yue Gao,Feng Gao,Shaoyuan Li
K-09	4682	Improved Artificial Potential Field based Parallel RRT Star for Fast Path Planning	Industrial Robots and Service Robots	TunDong Liu,Xin Chen,Miao He,XiaoPing Fu,XiaoMing Wu,GuiFang Shao
K-10	4700	Impedance control based on the human gait data for lower limb rehabilitation robot	Industrial Robots and Service Robots	Aihui Wang,Wei Li,Jun yu,Shuaishuai Zhang
K-11	4721	A RGB-D based 6D Object Pose Estimation and Its Application in Robotic Grasping	Industrial Robots and Service Robots	Sheng Yu,Di-Hua Zhai,Haoran Wu,Jun Liao,Yuanqing Xia
K-12	4766	Singularity Analysis and Singularity Avoidance Trajectory Planning for Industrial Robots	Industrial Robots and Service Robots	Hang Zhao ,Bangcheng Zhang, Xiaoqing Yin ,Ziqiang Zhang,Qi Xia ,Fan Zhang
K-13	4780	Design of Indoor Localization Algorithm Based on WiFi Fingerprints	Industrial Robots and Service Robots	Xing Zhang,Wei Sun
K-14	4802	Parameter Comparison of Grasping Force Optimization of Hard and Soft Multi-fingered Hands base	Industrial Robots and Service Robots	Xuelin Wang,Yulong Xu,Dong Zhang

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A-01	4805	Analysis on Mechanics and Magnetic Adsorption of Wheeled Wall-Climbing and Obstacle-Jumping	Industrial Robots and Service Robots	Zhanpeng Zhang,Xiaochen Huang,Haoxue Liu,Daofang Zhong,Miao Yuan,Yang Qi,Guangda Lu,Lei Sun
A-02	4810	Time-Jerk Optimal Trajectory Planning of Industrial Robot based on Hybrid Particle Swarm Optimization	Industrial Robots and Service Robots	Ying Gao,Weinan Xie,Qinghua Li,Xinnian Li,Meiling Hu,Liu Zhao
A-03	4831	Multi-AGVs dispatching strategy in automobile assembly line based on Deep Reinforcement Learning	Industrial Robots and Service Robots	Guowei Wang,Xinli Wang ,Lei Wang ,Mingjun Shao ,Youliang Yu ,Xuexiao Cheng
A-04	4836	Preliminary Discussion on Research Progress of Intelligent Robot	Industrial Robots and Service Robots	Jie Liang, Guojun Liu, Qingfa Zhou
A-05	4840	基于广义回归网络的步态生成	Industrial Robots and Service Robots	辛秀芬,王瑛瑛,廖伍代,宋露露
A-06	4850	Design of Monocular Following Robot System Based on Unscented Kalman Filter	Industrial Robots and Service Robots	Qinghai Wang,Fangyan Yang,Tao Lyu
A-07	4852	Design and Realization of Water Supply Pipeline Robot Based on Propeller	Industrial Robots and Service Robots	Shuangye Chen,Wuhao Guan,Hai Hu,Chengyi Huang,Weiying Gong,Xueliang Xu
A-08	4876	Robot Grasp with Multi-object Detection based on RGB-D Image	Industrial Robots and Service Robots	Weiying Ouyang,Wenhui Huang,Huasong Min
A-09	4918	Manual assembly action segmentation method based on spatiotemporal features	Industrial Robots and Service Robots	高正阳,刘沛
A-10	4922	Dynamic Modeling and Robust Control Strategy of Cable-Driven Single Joint Continuum Robot	Industrial Robots and Service Robots	JiaHao Shi,Jian Li
A-11	4944	Robotic Arm Intelligent Grasping System for Garbage Recycling	Industrial Robots and Service Robots	Hongyang Fu,Dong Xu,Jiang Wu
A-12	4951	室内清扫机器人控制系统设计	Industrial Robots and Service Robots	徐甜甜
A-13	4953	Task Sequence Planning Algorithm for Cooperative Assembly of Dual-arm Robot	Industrial Robots and Service Robots	ZHANG Jin,GAN Yahui,WANG Zhengwei,DAI Xianzhong
A-14	4960	基于 ROS 的移动机器人自主导航系统研究与仿真	Industrial Robots and Service Robots	黎冠,王迪
B-01	4966	A Position-Based Impedance Control Strategy of Bilateral Teleoperation System with Force Feedback	Industrial Robots and Service Robots	Ning Dong,Jingbo Hu,Jian Li,Jiahao Shi,Ling Tan,Yue Lin
B-02	5044	Adaptive Visual Control of Robotic Manipulator With Uncertainties in Kinematics and Dynamics	Industrial Robots and Service Robots	Aoqi Liu,Guanyu Lai,Weizhen Liu
B-03	5047	Active and passive compliance control based on a new type of series-parallel hybrid leg structure	Industrial Robots and Service Robots	陈璐,朱晓庆,钱义军,王明超
B-04	5084	基于触觉有序网络的物体硬度识别	Industrial Robots and Service Robots	方森林,易正瑞
B-05	5107	Optimization of auto lamp spraying trajectory based on improved PSO algorithm	Industrial Robots and Service Robots	Biyu Guo,Wei Chen,Jingfeng Zhang,Qingyu Wei
B-06	5148	Tremor Attenuation For Robot Teleoperation By A Broad Learning System-Based Approach	Industrial Robots and Service Robots	Weizhen Liu,Guanyu Lai,Aoqi Liu
B-07	5205	Sensor-Free Method with BP network to Achieve Drag Teaching on the 7-DOF Collaborative Robot	Industrial Robots and Service Robots	Heng Zhang,Xianyou Zhong,Zhenqiang Huang
B-08	5234	Design of Fractional-order PID Controller for Path Tracking of Wheeled Mobile Robot	Industrial Robots and Service Robots	Baoye Song
B-09	5239	基于核态运动单元的三指欠驱动灵巧手抓取规划	Industrial Robots and Service Robots	刁强,肖志兰,陈文锐,王耀南,刘慧明,张荣华
B-10	5245	Improved Adaptive Neural Network Control of Rehabilitation Robot with Variable Load	Industrial Robots and Service Robots	Tong Wang,FuCheng Cao,Lu Wang
B-11	5253	The robot maintenance method for fitting bolt in high-altitude settlement environment	Industrial Robots and Service Robots	Xu Jian,Jinbin Li,Xin Chen,Jun Chen,Yaqin Wen,Wenhao Chen
B-12	5259	TDLAS-based Plume Tracing on an UAV in Outdoor Environments	Industrial Robots and Service Robots	Fu-Ning Xie, Ji-Gong Li
B-13	5365	基于快速鲁棒视觉识别算法的家庭服务机器人设计	Industrial Robots and Service Robots	杜明芳
B-14	5379	IMU-based Locomotion Mode Recognition by Deep Convolutional Neural Networks with Wide First-Order	Industrial Robots and Service Robots	Chao Ma,Kangpeng Zhou,Liziyi Hao,Yudong Zhan
C-01	5384	Design and Development of a Snake Robot with Wheeled Modules	Industrial Robots and Service Robots	Hongwei Tang,Chaoquan Tang,Xin Shu,Gongbo Zhou,Shuai Guo
C-02	2893	Real time vision-based auxiliary positioning method for UAV airborne processor	Information Processing and Control of Unmanned Systems	Weiqi Li,Xiaojing Ma,Lanhao Wang,Sile Ma,Wenxu Sun
C-03	3115	Analysis and Modeling of peer-to-peer RSS/TOA measurements for UAVs	Information Processing and Control of Unmanned Systems	Junxi Tian,Junqi Shan,Tao Chao*,Ming Yang,ShiMing Zou
C-04	3127	An Improved Kalman Filter Based on Sequentially Estimating Measurement Noise Covariance	Information Processing and Control of Unmanned Systems	Fengbo,ZhangPeng
C-05	3128	Modified Kalman filter without covariance matrices for one kinetic linear model	Information Processing and Control of Unmanned Systems	FengBo,ZhangPeng
C-06	3129	Stationary Base Self-alignment of Inertial Navigation System without Velocity Covariance Matrix	Information Processing and Control of Unmanned Systems	FengBo,ZhangPeng
C-07	3182	Disturbance Observer Based Trajectory Tracking Control for the Unmanned Aerial Vehicle	Information Processing and Control of Unmanned Systems	Meishan Liu,Yongfu Li
C-08	3193	A Miniature Biological Eagle-Eye Vision System for Small Target Detection	Information Processing and Control of Unmanned Systems	Shutai Wang,Qiang Fu,Yinhao Hu,Chunhua Zhang,Wei He
C-09	3287	New DOA estimation based on coprime array MIMO radar	Information Processing and Control of Unmanned Systems	Ji Chuantang,Zhang Fei
C-10	3304	System Parameter Identification for a Quadrotor UAV by Frequency Domain Method	Information Processing and Control of Unmanned Systems	Jing Huang,Dong Li,Ban Wang,Youmin Zhang,Linxia Mu,Shangbin Jiao,Han Liu
C-11	3326	基于地面无人平台任务载荷的干扰观测器优化设计	Information Processing and Control of Unmanned Systems	张娜,孙明
C-12	3331	Robust Visual-Inertial Odometry Based on Deep Learning and Extended Kalman Filter	Information Processing and Control of Unmanned Systems	Siqi Zuo,Kai Shen,Jianwen Zuo
C-13	3341	Edge-to-client real-time road damage detection system based on Yolov5	Information Processing and Control of Unmanned Systems	Mingjue Li,Hao Wang,Yuhang Peng,Xuan Pei,Tianmiao Wang,Taogang Hou
C-14	3525	Joint Optimization of Task Offloading and Resource Allocation in UAV-Assisted MEC Networks	Information Processing and Control of Unmanned Systems	Mengxia Ge,Luyao Wang,Guanglin Zhang,Lin Wang
D-01	3592	Large-scale Autonomous Navigation and Path Planning of Lunar Rover via Deep Reinforcement Learning	Information Processing and Control of Unmanned Systems	Tao Hu,Tao Cao,Bo Zheng,Hanmo Zhang,Mengying Ni
D-02	3601	Path planning for ground target reconnaissance based on improved A star algorithm	Information Processing and Control of Unmanned Systems	Guozheng Fan
D-03	3661	Simulation and Design of Underwater Six-Rotor Unmanned Helicopter	Information Processing and Control of Unmanned Systems	Wenyu Cai,Jingkai Guan,Ziqiang Liu
D-04	3665	CPG-Inspired Gait Generation and Transition Control for Six Wheel-legged Robot	Information Processing and Control of Unmanned Systems	Chencheng Deng,Shoukun Wang,Zhihua Chen,Junzheng Wang,Liling Ma,Jiehao Li
D-05	3706	基于DGA框架的无人机空战决策与导引一体化方法	Information Processing and Control of Unmanned Systems	孟光磊
D-06	3743	Derivative-free adaptive control of UAV in logistics and airdrop	Information Processing and Control of Unmanned Systems	LIU Juanxia,LIN Qing,LIU Juhong
D-07	3791	Quantized Preview Control of Networked AGV Systems with Data Dropout	Information Processing and Control of Unmanned Systems	Yongyu Liang,Heng Wang,Mingcheng Ji,Yixuan Wang
D-08	3811	Application of Improved K-means Clustering Algorithm in UAV Reconnaissance Mission Planning	Information Processing and Control of Unmanned Systems	Xiao Wang,Hanyang Chen,Tao Liu,Kaifeng He,Di Ding,Enmi Yong
D-09	3958	Real-Time Velocity and Hovering Control for Rotorcraft Based on Visual State Estimation	Information Processing and Control of Unmanned Systems	Hao Du,Wei Wang,Hongxun Liu,Qi Wang,Hongbiao Shi,Lei Xue
D-10	3975	基于Unity和ROS的无人平台视觉仿真系统	Information Processing and Control of Unmanned Systems	周睿,赵高鹏,蔡翔,徐皓远
D-11	4021	Criticality-Guided Deep Reinforcement Learning for Motion Planning	Information Processing and Control of Unmanned Systems	Linling Xu,Fenghua Wu,Yuan Zhou,Hesuan Wu,Zuohua Ding,Yang Liu
D-12	4073	一种基于分层区块链的无人机群身份认证方案	Information Processing and Control of Unmanned Systems	陈爱国,周鑫岑,文心怡,李家豪,闫科,解修蕊
D-13	4165	Image-free localization and tracking of multi-targets based on single pixel detection	Information Processing and Control of Unmanned Systems	Zheng Jiali,Yu Yuanjin,Chen Shizhuang,Yang Zhaoxia,Li Gaojiang
D-14	4174	Sequential Point Cloud Prediction in Interactive Scenarios: A Survey	Information Processing and Control of Unmanned Systems	Haowen Wang,Zirui Li,jianwei Gong
E-01	4224	Improved discrete Pigeon-inspired optimization based weapon-target assignment scheme design for	Information Processing and Control of Unmanned Systems	Liu jicheng,Jiang Ju,Zhao Qi,Han Bing
E-02	4352	Adaptive Lattice Kalman Filter-SLAM for Robot Auto-navigation	Information Processing and Control of Unmanned Systems	Tai-shan Lou,Hong-cai Wu,Zhe-peng Yue,Ya-song Dong,Zhen-dong He
E-03	4384	Automatic underwater acoustic target tracking by using image processing methods with jamming tar	Information Processing and Control of Unmanned Systems	Fan Yin,Chao Li,Haibin Wang,Fan Yang
E-04	4436	Online Trajectory Planning Strategy for UAV in Dynamic Threats Based on Bug-Rapidly-exploring R	Information Processing and Control of Unmanned Systems	YanJie Min,Kun Wu,Kunpeng Li
E-05	4596	Accelerometer optimization based on real-time measurement of Hole Deviation INS with While-Drilli	Information Processing and Control of Unmanned Systems	Yuanqiu Liu,Fang Jin,Junlei Song,Kaifeng Dong,Wenqin Mo,Yajuan Hui
E-06	4638	Robust Adaptive Sliding Mode Tracking Control for an UAV	Information Processing and Control of Unmanned Systems	Jiaqi Zheng,Wenbin Yu
E-07	4725	Application of Track Fusion Kalman Filtering Algorithm in Leakage Calculation of Water Supply Net	Information Processing and Control of Unmanned Systems	Zehua Sun,Guangming Yuan,Xiaojun Sun
E-08	4753	BRR-DQN: UAV path planning method for urban remote sensing images	Information Processing and Control of Unmanned Systems	KeXin Zheng,Xiaobo Liu,Jianfeng Yang,Zhihua Cai,Haoran Dai,Zhilang Zhou,Xiao Xiao,Xin Gong
E-09	4785	Adaptive prescribed performance dynamic surface control for the uncertain QUAUVs with unknown p	Information Processing and Control of Unmanned Systems	Xinrui Han,Xiaojing Wu,Shikai Shao,Xinghua Li,Xiaoyuan Luo,Jie Li
E-10	4854	Improved Auto-regulation VFH Algorithm for Obstacle Avoidance of Unmanned Vehicles	Information Processing and Control of Unmanned Systems	董兴学,王目树,康超,张允刚,潘为刚,高坤琦
E-11	4887	基于扩散流识别的无人车避障算法	Information Processing and Control of Unmanned Systems	顾博,宋卓异
E-12	4890	Target Recognition of Live Working Robots for Distribution Networks using LIDAR Point Cloud	Information Processing and Control of Unmanned Systems	任书楠,徐鑫军,俞诗卓,李聪利,赵继安,刘胜军
E-13	4897	Weapon-target Assignment Based on Improved Particle Swarm Optimization for Different Allocation	Information Processing and Control of Unmanned Systems	Feng Fang,Jiafan He,Qingwei Li,Feng Ding,Weitai Liang,Aiguo Fei
E-14	4908	Improved RRT Algorithm for Field Environment Tends to Smooth Path	Information Processing and Control of Unmanned Systems	Wang Yan,Li Meng,Zhao Qinjun,Xie Yunzhao
F-01	4914	Fast Calculation of Cross Ambiguity Function for Passive Radar Based on SMGO	Information Processing and Control of Unmanned Systems	Dongming Zhang,Canghua Jiang

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F-02	4930	Motion Simulation of Flying Quadruped Robot Based on Deep Reinforcement Learning	Information Processing and Control of Unmanned Systems	Heng Zhou,Zhiyan Dong,Peng Zhai,Lihua Zhang
F-03	4936	Graphical Platform of Intelligent Algorithm Development for Object Detection of Educational Drone	Information Processing and Control of Unmanned Systems	Wenxiang Shi,Zhiyan Dong
F-04	5005	Coordinated Motion Control for a Six Wheel-drive Skid-steering Mobile Robot with Speed Consensus	Information Processing and Control of Unmanned Systems	Yongkang Xu,Shoukun Wang,Hongqiang Zhao,Zhihua Chen
F-05	5059	基于奖励增强和DQN的自主空战机动决策研究	Information Processing and Control of Unmanned Systems	韩润海
F-06	5072	Multi-session Joint Optimization for Accurate Mapping	Information Processing and Control of Unmanned Systems	He Wang,Heping Li,Liang Wang
F-07	5174	Multi-mode Motion Control System Design and Implementation for an Air-ground Amphibious Robot	Information Processing and Control of Unmanned Systems	Yang WANG,Naisi Zhang,Bo Pan,Bo Su,Shengfei Li
F-08	5281	A Quadrotor UAV Trajectory Tracking Control Method Based on Active Disturbance Rejection Control	Information Processing and Control of Unmanned Systems	Kaixiang Zhang
F-09	5342	一种不依赖于卫星的无人系统惯性/激光雷达/视觉高精度自适应导航定位方法	Information Processing and Control of Unmanned Systems	赖陈丹,白师宇,吕品,王炳清,刘建业,孙永荣
F-10	5359	搭载LoRa无线网关的无人森林生态监测系统设计与实现	Information Processing and Control of Unmanned Systems	李玉珂,段海富
F-11	5376	Research on Dynamic Task Allocation Optimization of Personal Rapid Transit	Information Processing and Control of Unmanned Systems	朱辰阳,赵春晓
F-12	5421	基于改进纯追踪模型的无人矿车倒车控制方法研究	Information Processing and Control of Unmanned Systems	石增武,熊晓宇,杨征,杨光耀,潘子宇,庞小刚,陈龙,田滨
F-13	5422	面向矿区无线信号通路口无人矿车调度方法	Information Processing and Control of Unmanned Systems	黄永安,巨润莹,杨光耀,伊春,李泽鹏,庞小刚,陈龙,田滨
F-14	2643	Improved Iterative Closest Point(ICP) 3D point cloud registration algorithm based on PCA and parallel	Intelligent Computing and Machine Learning	chen wang,Shangbin Jiao,Rui Gao,Yuxing Li
G-01	2702	Soft-Sensing Method of Effluent Ammonia Nitrogen Based on Emotional Neural Network	Intelligent Computing and Machine Learning	Hongye Zhang,Cuilii Yang,Junfei Qiao
G-02	2820	A Korean sentence similarity calculation method based on sub-word level information	Intelligent Computing and Machine Learning	Xiaodong Yan,Yiqin Wang,Xiaoqing Xie
G-03	2864	Long-Term Power Load Forecasting via Sine Neural Network Using Multiple Functions Decomposition	Intelligent Computing and Machine Learning	Litian Li,Runhao Shi,Yunong Zhang,Min Yang,Zhenyu Li,Chengxu Ye
G-04	2930	Research and Application of Virtual Sample Generation Method Based on Conditional Generative Adversarial Network	Intelligent Computing and Machine Learning	Qun-Xiong Zhu,Kun-Rui Hou,Zhong-Sheng Chen,Yuan Xu,Yan-Lin He
G-05	3098	Application of Sine Cosine Algorithm in Eigenvalue Extraction of Infrared Spectrum	Intelligent Computing and Machine Learning	李玉军,杜京航,焦尚彬,张青,王庆,杨智
G-06	3100	Waveband selection of Infrared Spectrum Based on Sine Cosine Algorithm	Intelligent Computing and Machine Learning	李玉军,杨智,焦尚彬,张青,王庆,杜京航
G-07	3108	Data and Image Classification of Haematococcus pluvialis Based on SVM Algorithm	Intelligent Computing and Machine Learning	Mengyu Yang,Shigang Cui,Yongli Zhang,Jingyu Zhang,Xinqi Li
G-08	3124	Optimizing Global Representation Using Convolutional Bidirectional Recurrent Network Model for Text Classification	Intelligent Computing and Machine Learning	Xianlun Tang,Jingming Yang,Wenxing Lin,Mi Zou,Fanding Zhou,Dequang Peng
G-09	3125	高维间接积分法的深度循环神经网络架构	Intelligent Computing and Machine Learning	谢正荣,艾轶博,张卫冬
G-10	3152	Unsupervised identification of high-emitting mobile sources based on multi-feature fusion	Intelligent Computing and Machine Learning	Xu Zhenyi,Wang Renjun,Wang Ruibin,Zhang Cong,Xia Xiushan
G-11	3183	Underwater Object Detection of an UVMS Based on WGAN	Intelligent Computing and Machine Learning	Qingyu Wei,Wei Chen
G-12	3202	Terahertz Spectroscopy Combined with Machine Learning to Identify the Origin of Ginseng	Intelligent Computing and Machine Learning	Lingyu Liu,Yan Gao,Tianying Chang,Yizhang Li,Jing Lv,Bonian Zhao
G-13	3208	Selective Ensemble RVFLN Multi-task Learning for Landslide Multi-point Displacement Prediction	Intelligent Computing and Machine Learning	Xiaoyang Yu,Cheng Lian,Xiaoping Wang,Wei Yao
G-14	3225	Sparse LSTM neural network with hybrid PSO algorithm	Intelligent Computing and Machine Learning	Zhonglin Chen,Cuilii Yang,Junfei Qiao
H-01	3258	基于 IMFC 和 Fbank 双特征融合的说话人识别方法	Intelligent Computing and Machine Learning	赵将煜,周后盘,刘弘磊,周伟东
H-02	3281	Dynamic multiobjective optimization by knowledge learning based on factorization machine	Intelligent Computing and Machine Learning	孙浩,王聪
H-03	3288	A memetic algorithm for the balanced minimum sum-of-squares clustering problem	Intelligent Computing and Machine Learning	Qiang Yao,Xiangqing Lai,Zhetong Zhu
H-04	3306	Neighborhood decomposition based variable neighborhood search for the capacitated p-median problem	Intelligent Computing and Machine Learning	Sirui Zheng,Xiangqing Lai,Wei Gong
H-05	3307	A variable neighborhood search algorithm for the balanced K-way partitioning problem with weight constraints	Intelligent Computing and Machine Learning	Wei Gong,Xiangqing Lai,Qiang Yao,Sirui Zheng
H-06	3337	An improved cuckoo search combing artificial bee colony operator with opposition-based learning	Intelligent Computing and Machine Learning	Shao-Qiang Ye,Fang-Ling Wang,Yun Ou,Cheng-Xu Zhang,Kai-Qing Zhou
H-07	3340	An Improved Deep Forest Model Combining Adaptive Synthetic Sampling for Automatic Lithology Identification	Intelligent Computing and Machine Learning	Shangyuan Li,Jie Liu,Kaibo Zhou
H-08	3355	Partial Connected Neural Architecture Search Based on Continuous Particle Swarm for Hyperspectral Classification	Intelligent Computing and Machine Learning	Xin Gong,Xiaobo Liu,Chaochao Zhang,Xiao Xiao,Zhihua Cai,Jianfeng Yang
H-09	3357	Overview of Technologies: How to automatically generate the speech	Intelligent Computing and Machine Learning	Xiaosu Su,Chongchong Yu,Zhaopeng Qian
H-10	3394	Marine Target Detection Algorithm Based on Deep Learning	Intelligent Computing and Machine Learning	Yuchao Wang,Yong Zhou,Xiaojing Xia
H-11	3411	ON Pharmacokinetics and Pharmacodynamics of Antiepileptic Components of Qingyangshengennin	Intelligent Computing and Machine Learning	Guangsheng Xie,Yong Li,Kun Li
H-12	3422	End-to-end Visual Navigation with Intrinsic Motivation in 3D Maze-like Environments	Intelligent Computing and Machine Learning	Peng Li
H-13	3424	Target Detection Method in BTR based on SVM	Intelligent Computing and Machine Learning	Qiang Wang,Cheng Yongmei,Chengyuan Liu,Siyuan Cheng,Su Yang
H-14	3431	A New Spatio-Temporal Graph Convolutional Network For Traffic Prediction	Intelligent Computing and Machine Learning	Qingyong Zhang,Conghui Yin,YuePeng Chen,Binghua Shi,Qin Yu,Ming Fang
J-01	3466	Reference Database Expansion for Deep Belief Network based CSI Device-Free Localization	Intelligent Computing and Machine Learning	Jianxing Zhang,Luyao Liu,Jianqiang Xue,Wendong Xiao
J-02	3467	An Improved C2oDE based on Stochastic Ranking: A Further Study	Intelligent Computing and Machine Learning	Chengyong Si,Chaofeng WANG,Jianqiang SHEN,Lei WANG
J-03	3483	Rumor Detection Based on Bi-directional Graph Attention Network	Intelligent Computing and Machine Learning	Chuanzheng Bai,Huidong Wang,Lu Wang,Jinli Yao
J-04	3487	Speech Emotion Recognition Based on Deep Learning Network with Non-local Networks	Intelligent Computing and Machine Learning	Meng-Ting Han,Zhen-Tao Liu
J-05	3492	A two-stage algorithm for solving constrained multi-objective optimization problems	Intelligent Computing and Machine Learning	Xuanxuan Ban,Jing Liang,Kunjie Yu,Kangjia Qiao,Ke Li,Zhaolin Chen
J-06	3507	Recognition of traffic lights based on YOLOv3-tiny	Intelligent Computing and Machine Learning	Bin Wen,Ling Ding,Jing Shen
J-07	3566	树突神经网络对分类问题的研究	Intelligent Computing and Machine Learning	许位香,李存华,张梦楠,董自豪,贾东宝,孙婧
J-08	3622	The Low Carbon Pickup and Delivery Problem with Time Windows and its Optimization Approach	Intelligent Computing and Machine Learning	Chuang Wang,Anqi Pan,Xue Feng
J-09	3649	Intelligent modeling of lateral aircraft dynamic based on flight test data	Intelligent Computing and Machine Learning	Zhigang Wang,Aijun Li,Yi Mi,Lihao Wang,Jingchao Sun
J-10	3652	Neural Combinatorial Optimization for Coverage Planning in UGV reconnaissance	Intelligent Computing and Machine Learning	Yang Xueke,Zhang Yu,Luo Junren,Wang Kaiqiang,Li Xin,Jiang Chaoyuan
J-11	3656	A Neuroevolutionary Approach for Opponent Modeling and Exploitation in No-limit Texas Hold'em	Intelligent Computing and Machine Learning	Jiahui Xu,Shaofei Chen
J-12	3659	Three-Variable and Five-Variable Weng-Zhang Algorithms of Different Traversal Types Applied to Path Planning	Intelligent Computing and Machine Learning	Yunong Zhang,Yining Zhang,Litian Li
J-13	3666	Multi-user Concurrent Access Method for Computer Interlocking using Dynamic Thread Pool	Intelligent Computing and Machine Learning	郭沛,黄赞武,宋悦莹,李佳文,钱冬
J-14	3702	Human behavior classification based on CEEMDAN-WT denoising and cascade forest	Intelligent Computing and Machine Learning	Chen Zhiqiang,Miao Minmin,Hu Wenjun
K-01	3723	Multi-dimensional feature selection and combination method of aerospace target based on K-means	Intelligent Computing and Machine Learning	wu xia
K-02	3771	Semi-supervised Adversarial Domain Adaptation Based on Maximum Mean Discrepancy	Intelligent Computing and Machine Learning	Chang'an Yi
K-03	3815	基于中文语音信号的帕金森疾病远程检测	Intelligent Computing and Machine Learning	罗正刚,刘翥,余越,夏晓婷,杨柳,陈诚,朱丹丹,陈凌,付艳
K-04	3845	Light Weight Landmark Detection Method	Intelligent Computing and Machine Learning	Zhao yang
K-05	3895	Explore a Novel Knowledge Distillation Framework for Network Learning and Low-Bit Quantization	Intelligent Computing and Machine Learning	Liang Si,Longjun Liu,Yuhai Li,Hengyi Zhou,Jiahua Liang
K-06	3897	基于树突神经元模型的全脑预测与非线性验证	Intelligent Computing and Machine Learning	贾东宝,李存华,许位香,董自豪,李兆清
K-07	3924	Time Series Forecasting Based on Interval Type-2 Fuzzy Logic System with PSO	Intelligent Computing and Machine Learning	张辉,彭伟
K-08	3949	Interactive and Interpretable Knee Point-Driven Multiobjective Optimization for Multiobjective Decision Making	Intelligent Computing and Machine Learning	GUO YU Wenli Du
K-09	3952	Multi-View Metrics Enhanced Heterogeneous Graph Neural Network for Extractive Summarization	Intelligent Computing and Machine Learning	Chaobo Zhang,Junli Wang,Hongda Qi,Chungang Yan,Changjun Jiang
K-10	3968	Train Delay Prediction based on a Multimodal Deep-learning Method	Intelligent Computing and Machine Learning	Shuai Chen,Xingtang Wu,Min Zhou,Bo Yang,Jinhu Lü,Hairong Dong
K-11	3980	Class Imbalance in Facial Expression Recognition by GCN with Focal Loss	Intelligent Computing and Machine Learning	Shiyu Wang,Hui Tang,Li Chai
K-12	4046	Multi adaptive semi-supervised learning based on Evidence Theory	Intelligent Computing and Machine Learning	Hongshun He,Lei Yang
K-13	4065	Research on Question Answering based on Knowledge Graph of Military Industry Domain	Intelligent Computing and Machine Learning	Junwen Ren,Yuan Li
K-14	4079	Used-Car Price Evaluation Using Mean Encoding and PCA based DeepFM	Intelligent Computing and Machine Learning	Xuyang Yin,Luyao Liu,Xuefan Xu,Wendong Xiao
L-01	4088	A hybrid constraint handling techniques based on differential evolution algorithm for constrained optimization	Intelligent Computing and Machine Learning	Liyun Fu,Chengyun Zhang,Haibin Ouyang
L-02	4116	一种基于多分类支持向量机的足底压力步态识别方法	Intelligent Computing and Machine Learning	郭子诚,时雨,赵向阳
L-03	4117	Parameter estimation of time fractional heat conduction equation for monocrystalline silicon	Intelligent Computing and Machine Learning	Shuyan Shi,Ding Liu,Zhongdan Zhao
L-04	4118	基于树突神经元模型的汇率预测验证	Intelligent Computing and Machine Learning	朱荣胜,柏益筠,许位香,贾东宝,李兆清
L-05	4150	Research on sEMG Gesture Recognition Based on Hybrid Dilated Convolutional Neural Network	Intelligent Computing and Machine Learning	张凯,陈峰
L-06	4166	Hyperspectral Quantitative Inversion of Soil Organic Matter Based on IPLS-UVE Band Optimization	Intelligent Computing and Machine Learning	Sijia Liu,Zhiyun Xiao
L-07	4187	Research On Audio Denoising Algorithm Of Power Generation Equipment In Thermal Power Plant	Intelligent Computing and Machine Learning	Di Ma

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L-08	4198	自步终身机器学习	Intelligent Computing and Machine Learning	Wei Cong,Yang Cong,Yuyang Liu,Gan Sun
L-09	4250	Large-scale Evolutionary Multi-objective Optimization Assisted by Directed Sampling	Intelligent Computing and Machine Learning	秦淑芬
L-10	4260	Solving dynamic parameter estimation problems using generalized oppositional BLPSO algorithm	Intelligent Computing and Machine Learning	Naiyuan Chen
L-11	4267	多目标人工变异性算法	Intelligent Computing and Machine Learning	彭钰,杜先君,余萍,韩晓矿
L-12	4286	Method of Feature Selection via the Feature Ensemble Clustering and Selecting	Intelligent Computing and Machine Learning	卢建刚,周安,吴勤勤,刘晓燕,鲍远义
L-13	4289	单个树突神经元对XOR问题的研究	Intelligent Computing and Machine Learning	柏益琦,朱荣胜,贾东宝,刘登志
L-14	4323	Distributed Fuzzy Clustering Based Association Rule Mining: Design, Deployment and Implementation	Intelligent Computing and Machine Learning	Jinxian Wu,Li Dai,Yaling Ma,Weidong Zou,Yuqing Xia

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A-01	4331	A Machine Learning-based Accurate Approach for Inferring Potential LncRNA-disease Associations	Intelligent Computing and Machine Learning	Wang Meixi ,Lou Xuyang ,Cui Baotong
A-02	4363	Evolutionary Optimization of Robust Multi-objective Expensive Problems Assisted by Incremental K	Intelligent Computing and Machine Learning	Jian Wang,Xuhua Shi,Miaomiao Qu
A-03	4395	Real Deep K-means with Multiple Auto-encoders	Intelligent Computing and Machine Learning	Boyue Wang,Zulong Song
A-04	4404	Deep Residual Network with D-S Evidence Theory for Bimodal Emotion Recognition	Intelligent Computing and Machine Learning	Yulong Liu,Luefeng Chen,Min Li,Min Wu,Witold Pedrycz,Kaoru Hirota
A-05	4434	Enabling Pointing Assistance in Adaptive Interfaces Using Mouse Pointing Intention Prediction	Intelligent Computing and Machine Learning	Rongrong Zhu
A-06	4444	Multi-source Heterogeneous Data Aggregation Method Based on Adversarial Domain Adaptation	Intelligent Computing and Machine Learning	Jie Zhan, Tengfei Zhang, Yang Yu
A-07	4447	Dynamic Incremental Rough K-means Clustering Considering the Spatial Location Distribution of N	Intelligent Computing and Machine Learning	Xinyuan Hu, Tengfei Zhang, Fumin Ma
A-08	4449	Multi-target Relative Distance Perception Based on Monocular Image	Intelligent Computing and Machine Learning	Zhen Shi,Dexin Zou,Wenjie Wu,Fuming Xia
A-09	4453	Differential evolution with adaptive subpopulation size for multimodal optimization problems	Intelligent Computing and Machine Learning	Jie Li,Yu Li,Xiaoli Gao,Weifeng Gao
A-10	4461	Novel TD3 Based AUV Path Tracking Control	Intelligent Computing and Machine Learning	Yue Zhang,Ru Li,Yibin Li,Tianze Zhang,Yinghao Zhuang,Yan Song
A-11	4486	Surrogate-Assisted and Population Characteristics' Transfer for Expensive Optimization Problems	Intelligent Computing and Machine Learning	Miaomiao Qu,Jian Wang,Xuhua Shi,Xiaoxia Chen
A-12	4488	Key Controlled Variable Model of MSWI Process Based on Ensemble Decision Tree Algorithm	Intelligent Computing and Machine Learning	Tianzheng Wang,Jian Tang,Heng Xia
A-13	4490	Temperature prediction of generator carbon brush based on LSTM neural network	Intelligent Computing and Machine Learning	Qing Zhang,Tingyang Jiao,Yinxing Ma,Youmin Zhang,Xiaohui Wu,Pengyue Wu
A-14	4501	Research on Autonomous Obstacle Avoidance and Target Tracking of UAV Based on Improved Du	Intelligent Computing and Machine Learning	Weilai Jiang,Chong Bao,Guoqiang Xu,Yaonan Wang
B-01	4510	An improved ESN with three reservoirs for time series prediction	Intelligent Computing and Machine Learning	Di Ma,Xianshuang Yao,Shengxian Cao
B-02	4524	Power Load Equipment Classification Based on Fuzzy Style K-plane Clustering	Intelligent Computing and Machine Learning	张翔,张腾飞,徐俊俊,于洋,蔡子骥
B-03	4545	Robot Tactile Data Classification Using Spiking Neural Network	Intelligent Computing and Machine Learning	Jing Yang,Xiaoyang Ji,Shaobo Li,Hao Dong,Tingqiang Liu,Xu Zhou ,Shuaizhen Yu
B-04	4559	Formalizing equivalence between real number completeness and intermediate value theorem	Intelligent Computing and Machine Learning	Yaoshun Fu,Wensheng Yu
B-05	4594	Subspace Inference in SDE-Net for Bayesian Deep Neural Networks	Intelligent Computing and Machine Learning	YongGuang Wang,ShuZhen Yao,HuoBin Tan
B-06	4597	Use Plant Electrical Signals to Classify the Growth Status of Plants	Intelligent Computing and Machine Learning	Jinqi Liu,Liguo Tian,Meng Li,Zilu Liu,Yu Sun ,Yuesong Wang
B-07	4606	Improvement of Distance Judgment Based on Wolf Pack Algorithm	Intelligent Computing and Machine Learning	Xintao Zhang, Lin Wang, Jiating Qie, Meimei Jia
B-08	4616	Cascade Transfer Function Models of MSWI Process based on Weight Adaptive Particle Swarm O	Intelligent Computing and Machine Learning	Jiakun Chen,Jian Tang,Heng Xia,Dandan Wang,Tianzheng Wang,Wen Xu
B-09	4622	A Density Based Clustering Approach to Underdetermined Blind Source Separation	Intelligent Computing and Machine Learning	Yuduo Wang,Qingyi Wang
B-10	4624	Underwater Image Restoration and Target Detection Based on Monocular Depth Estimation	Intelligent Computing and Machine Learning	Hongli Chen,Jinda Lin,Lingbo Zhuge,Xiaojing Xia
B-11	4656	An Improved Artificial Fish-Swarm Algorithm and Its Applications	Intelligent Computing and Machine Learning	Yao Li,Jianxin Zhang,Yamei Yin,Lin Wang
B-12	4674	Deep Conv-GRU Network for Traffic Flow Prediction	Intelligent Computing and Machine Learning	Jun Zhao,Wen-xing Zhu
B-13	4706	First and Second Order Similarity Learning for Clustering on Grassmann Manifolds	Intelligent Computing and Machine Learning	Mei Yanying, Ren Zhenwen, Shao Yanhua, Wu Bin
B-14	4707	An Enhanced Levy-Based Whale Optimization Algorithm for Global Optimization	Intelligent Computing and Machine Learning	Jinyu Wu,Zhifu Li,Ge Ma,Jiarong Du,Ming Wang
C-01	4719	A More Efficient Deep-learning Processing Unit Architecture with Runtime Configurable Parallelism	Intelligent Computing and Machine Learning	Xiaofeng Wang,Guoming Liu,Yifan Ge,Yue Li,Xiongbo Zhao,Chaoran Li
C-02	4722	A New Method of Pulsar Candidate Detection Based on Bagging	Intelligent Computing and Machine Learning	Lu Wang,Liyan Luo,Shuang Zhang
C-03	4736	Rapid Classification and Evaluation Method of the Temperature Stress of Continuous Welded Rail	Intelligent Computing and Machine Learning	Yuhang Zhu,Juan Chen,Shunhao Huang
C-04	4792	A Discussion of the Mapping from the Unified Search Space to the Search Space of the Optimized	Intelligent Computing and Machine Learning	Shuangshuang Yao,Zhiming Dong,Xianpeng Wang,Qingqing Liu,Hangyu Lou,Yumeng Zhao
C-05	4903	Broad learning system based on Elastic Net feature sparsity and dense	Intelligent Computing and Machine Learning	Haofeng Ding,Shiwen Xie,Yongfang Xie,Jie Wang
C-06	4934	Load Clustering for Power System Combined With Dimensionality Reduction Method	Intelligent Computing and Machine Learning	张森豪,张腾飞,徐俊俊
C-07	4940	Nonlinear Function Acceleration Based on FPGA Heterogeneous Platform	Intelligent Computing and Machine Learning	Tao Xie,Jingjie Ma ,Wenbin Feng,Le Chang,Chongchong Yu
C-08	4952	Feature selection method based on maximum information coefficient and its application in wastewa	Intelligent Computing and Machine Learning	CongcongWang
C-09	4954	Weapon Target Assignment for Surface-to-air Defense with an Improved Reinforcement Genetic Al	Intelligent Computing and Machine Learning	Gong Hua,Liu Dalong,Zhang Yong,Xu Ke
C-10	4962	Dynamic Threat Assessment of Air multi-target Based on DBN-TOPSIS Method	Intelligent Computing and Machine Learning	Gong Hua,Yu Xiaoye,Zhang Yong,Liu Fang
C-11	4968	A Deep Learning Approach Using Gated Recurrent Unit for Prediction of Landslide Displacement B	Intelligent Computing and Machine Learning	Yutao Liu,Xiaobo Chi,Xinchun Jia,Mingjiang Sun
C-12	4989	Frequency prediction of Interface wave in annular flow based on SVR model	Intelligent Computing and Machine Learning	赵治月,刘丽贞,鲁明珠,祝彦,李小學
C-13	5049	A PSO-RBF neural network for BOD multi-step prediction in wastewater treatment process	Intelligent Computing and Machine Learning	Yongjie Liu,Wenjing Li
C-14	5062	Design of a locally interconnected modular neural network	Intelligent Computing and Machine Learning	Meng Li,Wenjing Li,Junfei Qiao
D-01	5070	Cut To Size: A Lightweight Design for STR via Channel Pruning	Intelligent Computing and Machine Learning	Ning Zhang,Ce Li,Enbing Chang,Fenghua Liu,Shuxing Xuan,MoRu Chen
D-02	5085	Fast Multi Object Detection and Counting by YOLO V3	Intelligent Computing and Machine Learning	Milad Ahmadi,Zichun Xu,Xinli Wang,Lei Wang,Mingjun Shao,Youliang Yu
D-03	5089	Online Tensor Decomposition for Hyperspectral Data Representation	Intelligent Computing and Machine Learning	Jinrong He,Yanxin Shi,Chengwang Xie,Zeyu Bao,Zongwen Bai
D-04	5118	基于机器学习的城市街道公共空间品质评价方法研究	Intelligent Computing and Machine Learning	郭茂租,王鹏跃,赵玲玲,田乐
D-05	5124	An Improved Substation Equipment Recognition Algorithm by KNN Classification of Subspace Feat	Intelligent Computing and Machine Learning	王亮,寇启龙,魏荣乐,周磊月,方涛,张嘉
D-06	5126	A Method of Electricity Meter LCD Screen Defect Detecting Based on Convolutional Neural Netwo	Intelligent Computing and Machine Learning	寇启龙,王亮,李东,饶钰,王耿祥,张嘉
D-07	5129	Multi-scale channel-attention model for speaker recognition with comparable loss functions	Intelligent Computing and Machine Learning	Jiangxiong Fang,Yuxi Zhang,Xiongtao Liu,Youyao Fu, Jun Liu,Linsheng Guo,Haiyang Qin,Hui Hu
D-08	5133	结合发言者类型和语句位置的对话语义意图理解	Intelligent Computing and Machine Learning	Huang Xin,Lei Gang,Cao Zhonghua,Lu Mingming
D-09	5171	Recognition and Instance Segmentation of Space Non-cooperative Satellite Components Based on	Intelligent Computing and Machine Learning	Shuang CAO,Jinzhen MU,Haiqi WU,Yan LIANG,Guopeng WANG, Zhendong WANG
D-10	5235	改进蚁群算法优化极端学习机的锂离子电池剩余寿命预测	Intelligent Computing and Machine Learning	何星
D-11	5278	GWKG: semi-automatic construction of the Great Wall Knowledge Graph	Intelligent Computing and Machine Learning	Yizhan Feng,Jing Teng,Honglei Zhang
D-12	5391	A Particle Swarm Optimizer with Variable Neighborhood Size and Ring Topology for Multimodal Mu	Intelligent Computing and Machine Learning	Yu Sun,Yuqing Chang
D-13	5393	Fault detection of machine learning for molecular pump	Intelligent Computing and Machine Learning	贾凯
D-14	2477	Cooperative Output Feedback Control of a Dual Rigid-Flexible Two-Link Manipulator	Intelligent Control Theory and Method	Cunzhe Yu,Xiuyu He,Yue Wu,Yongbin Sun,Wei He
E-01	2555	Application of Battlefield Threat Source Assessment Method in Flight Path Planning	Intelligent Control Theory and Method	Xiao Wang,Enmi Yong,Tun Zhao,Binbin Li,Di Ding,Kaifeng He
E-02	2577	二自由度内模PID控制在燃气系统中应用	Intelligent Control Theory and Method	李会蓉,郭阳,郭晓瑛
E-03	2724	Research on prediction method of human body characteristic curve based on neural network	Intelligent Control Theory and Method	Yunlong Wang,Changjiang Song,Xindi Li,Shuo Wang
E-04	2851	No 8-Instant ZTD (Zhang Time Discretization) Formula with Quintic Precision or Higher as Proved	Intelligent Control Theory and Method	Yunong Zhang,Kangze Zheng,Jinjin Guo
E-05	2867	An improved Wang-Mendel algorithm in Engine Test Bench control system	Intelligent Control Theory and Method	陈浩南,吴涛,何王勇,李勇波,王新梅
E-06	2906	Memory-Augmented Adaptive Control With Parameter Convergence Guarantee	Intelligent Control Theory and Method	Huajie Zhu,Zhongjiao Shi,Liangyu Zhao
E-07	3034	Design of Non-fragile Tolerant Tracking Controller based on State Feedback Fault	Intelligent Control Theory and Method	Cheng Quancheng,Cui Baoying
E-08	3045	Data-Driven MPC for Linear Systems using Reinforcement Learning	Intelligent Control Theory and Method	Zhongqi Sun,Qian Wang,Junan Pan,Yuanqing Xia
E-09	3047	Research on sensorless control system of permanent magnet synchronous motor	Intelligent Control Theory and Method	Hengyang Zhao,Song Gu,Jun Jia,Chen Cheng,Rigao Shu,Peihao Yang
E-10	3048	PMSM current predictive control based on disturbance torque observer	Intelligent Control Theory and Method	Jiaxin Huo,Zongmin Cai,Peihao Yang
E-11	3079	Adaptive Flight Control Design for Fixed-wing UAV based on Neural Network	Intelligent Control Theory and Method	Jinhua Liu
E-12	3086	Modeling and decentralized finite-time connective tracking control with prescribed settling time for a	Intelligent Control Theory and Method	Yi Yang,Xiaohua Li
E-13	3101	Tracking Control of Uncertain Interconnected Time-delay Nonlinear Systems with Full State Constr	Intelligent Control Theory and Method	cuihailong,Liu Songsong,wangqi,Zhao Guanglei,Hua Changchun
E-14	3117	Robust Guidance Control of Vertical Landing Aircraft with Deep Reinforcement learning Algorithm	Intelligent Control Theory and Method	Chenhui Jia,Qinghai Gong,Jun Zhang,Wuyi Luo,Xu Huang
F-01	3121	Variable Window Mechanism of Candidates for Map Matching	Intelligent Control Theory and Method	Xue Min, Li Wenlin,Sun Wei,Zheng Jin,Tang Chenjun,Zhang Xing
F-02	3146	Tool-face control for slide drilling based on fuzzy sliding mode controller	Intelligent Control Theory and Method	Kaixiang Li,Xiaoyu Zhong,Zablin Cheng,Kaidong Chen,Qiuhai Lu,Jiaqi Chen

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F-03	3153	Robust adaptive fault-tolerant control of nonlinear teleoperation systems with time-varying delays	Intelligent Control Theory and Method	Jingjing Tan,Yuling Li,Jie Dong,Haijuan Wang
F-04	3161	A Q-learning based UAV Path Planning Method with Awareness of Risk Avoidance	Intelligent Control Theory and Method	高阳,李元凯,郭子琪
F-05	3196	Adaptive Arbitration for Minimal Intervention Shared Control via Deep Reinforcement Learning	Intelligent Control Theory and Method	Shiyi You,Yu Kang,Yun-Bo Zhao,Qianqian Zhang
F-06	3198	A new preassigned finite-time tracking control for strict feedback nonlinear systems with dead zone	Intelligent Control Theory and Method	Cheng Zhan,Li Xiaohua
F-07	3207	New insight into dissipative control for singular Takagi-Sugeno fuzzy systems with time-varying dela	Intelligent Control Theory and Method	Huayang Zhang,Zhiqiang Feng,Rui-Bing Li
F-08	3212	The model prediction-based two-stage state estimation algorithm	Intelligent Control Theory and Method	Yu-zhao Jiao,He-ming Yao,Hong-mei Zhao,Tai-shan Lou,Xiao-lei Wang,Guo-Qiang Ding
F-09	3221	Multi-objective Optimal T-S fuzzy Controller of Nonlinear Permanent-Magnet Synchronous Motor fo	Intelligent Control Theory and Method	Hu Li,Bao Song,Xiaoqi Tang,Yuanlong Xie,Xiangdong Zhou,Jinglong Zhong
F-10	3250	Stabilization of A Class of Nonlinear Systems Subject to Periodic Disturbances	Intelligent Control Theory and Method	He Cai,Shuping Guo
F-11	3271	Path Following Model Predictive Control of 4WID High Ground Clearance Sprayer Considering the	Intelligent Control Theory and Method	Zijie Wang,Guohai Liu,Duo Zhang,Yue Shen,Zhen Yao,He Zhang
F-12	3283	Control method of adaptive delay wind tunnel based on total pressure characteristics	Intelligent Control Theory and Method	CHAO Genming,MA Xiaoyu,WANG Nantian,ZOU Qiongfeng,HOU Fengwei,SUN Qizhi
F-13	3284	Low-impact flow field control method for hypersonic wind tunnel	Intelligent Control Theory and Method	WANG Nantian,MA Xiaoyu,CHAO Genming,ZOU Qiongfeng, XIANG Liguang,SUN Peng
F-14	3325	Decoupling Controller Design for BTT Missile With Coupled Channels Based on Sliding Mode and	Intelligent Control Theory and Method	Bin Huang,Yongshan Liu,Siqi Li
G-01	3328	Observer-Based Adaptive Impedance Control for Robotic Systems With Predefined Task Space	Intelligent Control Theory and Method	Shuai Ding,Jinzhu peng,Zhiqiang Wang,Mengchao Dong
G-02	3344	Hierarchical Adaptive Tracking Control for Mobile Robots With Multiple Constraints	Intelligent Control Theory and Method	Zhao Chenghao,Zheng Shiqi,Wang Shihao,Jian Haitao,Li Haiming
G-03	3347	Modified Adaptive Neural Network Sliding Mode Control for Active Power Filter	Intelligent Control Theory and Method	Shixi Hou,Shili Fu,Yundi Chu,Jing Wang
G-04	3359	Simultaneous state and disturbance estimator based robust model predictive control of Microgrid's f	Intelligent Control Theory and Method	Mengdi Chen,Changzhi Chen,Kezhen Han
G-05	3366	Computational Guidance Law Based on Data-Driven Online Adaptive Critic Designs	Intelligent Control Theory and Method	Wang Qi,Liao Zhizhong,Yan Fei
G-06	3378	Impedance control of slag removal robot based on Q-Learning	Intelligent Control Theory and Method	Yishun Luo,Degang Xu,Jiaming Zhu,Yifan Lei
G-07	3383	Research on the Problem of Emergency Braking Triggered by Train Control Vehicle Equipment	Intelligent Control Theory and Method	Xinjun Gao,Guangyu He,Chen Chen,Yongjian Zhou
G-08	3440	Intelligent Active Disturbance Rejection Control for Flight Vehicles Based on Deep Reinforcement L	Intelligent Control Theory and Method	Hanqiao Huang,Yue Zhu,Biyu Zheng,Di Zhang,Xinpeng Xu
G-09	3489	A single-layer neural network based robust adaptive control of a class of motor system with torque	Intelligent Control Theory and Method	Chenchen Xu,Jian Hu,Jiong Wang
G-10	3503	Stability Analysis of the Acceleration-based Delayed Resonator with Virtual Natural Frequency	Intelligent Control Theory and Method	Yifan Liu,Jiazhi Cai,Qingbin Gao
G-11	3510	基于BPNN的MIMO过程控制系统耦合补偿算法研究	Intelligent Control Theory and Method	夏洪
G-12	3513	Super-twisting algorithm for second-order sliding mode control	Intelligent Control Theory and Method	陈前,李程
G-13	3517	Bounds of imaginary spectra for the stability assessment of a class of fractional-order systems with	Intelligent Control Theory and Method	Jiazhi Cai,Yifan Liu,Lingling Shi,Qingbin Gao
G-14	3521	Parallel Current Sharing Control Algorithm Of Four Phase Interleaved Boost Converter	Intelligent Control Theory and Method	Wei Wu
H-01	3529	A High Power Factor Control Method Based on Torque Loop for Electrolytic Capacitor-less IPMSM	Intelligent Control Theory and Method	Dingxin Chen,Hui Luo,Zhiwei Ming,Quan Yin
H-02	3556	Scheduling optimization of silicon single crystal production process based on adaptive improved pa	Intelligent Control Theory and Method	Lu Kang,Ding Liu,Yali Wu,Guozheng Ping
H-03	3568	Sliding Mode Control for Networked Markovian Jump Systems with Disturbances	Intelligent Control Theory and Method	Gafary Mahmoud,Yong Chen,,Longjie Zhang,Meng Li
H-04	3590	基于学习型粒子群算法的高能效并行机调度方法研究	Intelligent Control Theory and Method	杨乐山水,卢弘,乔非
H-05	3616	Redundancy based Neuroadaptive Fault-tolerant Control of Nonlinear Uncertain Systems under Act	Intelligent Control Theory and Method	Dong Zhang,Wei Liang
H-06	3630	Motion Planning and Tracking Control of Space Underactuated Manipulator via Intelligent Algorith	Intelligent Control Theory and Method	Zixin Huang,Shaoqi Wei,Yanfei Chen,Lejun Wang
H-07	3636	Adaptive estimation and control of uncertain series elastic actuator systems	Intelligent Control Theory and Method	Jiangchao Song,Jing Na,Guanbin Gao,Yingbo Huang
H-08	3658	Multi-level and Multi-model Predictive Control of Combined Heat and Power System Based on Imp	Intelligent Control Theory and Method	Guanghui Hao,Fan Zhou,Jun Zhao,Zhongyang Han,Wei Wang
H-09	3681	Model-based Reinforcement Learning Variable Impedance Control for 1-DOF PAM elbow exoskeleto	Intelligent Control Theory and Method	Zhirui Zhao,Jichun Xiao,Shuopeng Wang,Mingfang Liu,Xing Li,Lina Hao
H-10	3779	Robust Adaptive PID Control based on Reinforcement Learning for MIMO Nonlinear Six-joint Manip	Intelligent Control Theory and Method	Wang Junhang,Zhu Jianing,Zou Chao,Ou Linlin,Yu Xinyi
H-11	3785	Research on Recognition Method of Life Electroschock Based on Otsu and RBF	Intelligent Control Theory and Method	Jing Huang,Siyu Wu,Wei Xiong,Xinfei Zhan
H-12	3787	Iterative learning control tracks the slowly varying reference trajectory of linear parabolic distrib	Intelligent Control Theory and Method	Xisheng Dai,Wu Jing,Zhang Fan,Senping Tian
H-13	3795	End point inference control in the process of argon-oxygen refining low carbon ferrochrome base	Intelligent Control Theory and Method	MA Hai-tao,JIANG Bao-liang,GUAN Chang-jun,WANG Shen-quan
H-14	3820	Application of Iterative Learning Control in X-Y Precision Planar Motion Platform	Intelligent Control Theory and Method	Hongyu Yan,Danping Jia,Tao Zhang,Hualiang Zhang,Yingjie Xiong,Xu Lu,Yang Liu
J-01	3821	Position Sensorless Control of Permanent Magnet Synchronous Motor Based on Adaptive Sliding	Intelligent Control Theory and Method	Tao Zhang,Yingjie Xiong,Bolun Wang,Hongyu Yan,Xiyou Chen
J-02	3850	Application of Fuzzy Control in Sensorless Brushless DC Motor	Intelligent Control Theory and Method	Jianchao He
J-03	3852	Distributed output consensus security control of a nonlinear multi-agent system under sensor and	Intelligent Control Theory and Method	Ailing Wang,Jingzhi Ge,Yitong Zhou,Xiaolei Hou
J-04	3858	Gaussian Process Based Robust Trajectory Tracking of Autonomous Underwater Vehicle	Intelligent Control Theory and Method	Yongxu He,Yuxin Zhao,Geng Xu,Xiong Deng
J-05	3876	IFFC Design of Armed Helicopters Based on Improved Non-monotone Trust Region Algorithm with	Intelligent Control Theory and Method	Gang Wang,Zeyu Zhou,Qingxian Wu,Yuhui Wang
J-06	3915	Novel parafoal guidance with modern multiobjective evolutionary algorithms	Intelligent Control Theory and Method	Qin CHEN,Xing-Long GAO,Qing-Bin ZHANG
J-07	3955	Prediction of Product Quality Based on Multiple Kernel Learning Least Square Support Vector Mach	Intelligent Control Theory and Method	Wei Ba,Zhengying Lu,Qi Li
J-08	3959	Application of GSA-SVR in Short-term Traffic State Prediction Model of Urban Roads	Intelligent Control Theory and Method	Yun Zhu
J-09	3982	Model Predictive Control Based on Multivariable Disturbance Observer	Intelligent Control Theory and Method	Xudong Wang,Yiguo Li
J-10	3987	Design and Development of STM32-based Intelligent Material Workbench	Intelligent Control Theory and Method	Xijie Liao,Zhihuan Zhao,ZhiBin Zhao
J-11	3989	Design and Development of a Corn Harvester Spray-duct Following Model System Based on Arduin	Intelligent Control Theory and Method	Zhihuan Zhao,Xijie Liao,ZhiBin Zhao
J-12	3998	Synchronization Analysis and Aperiodically Intermittent Synchronization Control of Multi-Weighte	Intelligent Control Theory and Method	Qing Hao,Yanli Huang
J-13	4001	Station Layout Optimization for Underwater Measurement of Long Baseline Based on Two-Order Os	Intelligent Control Theory and Method	Yu Lu,Haiyin Zhou,Juhui Wei,Yao Xing,Jiongqi Wang
J-14	4012	Three Different Continuous-Time GMDS-ZNN Models and Multiple-Instant Discrete-Time Ones for	Intelligent Control Theory and Method	Kangze Zheng,Yunong Zhang
K-01	4026	Finite time backstepping control based on dual-layer adaptive disturbance observer for a class of n	Intelligent Control Theory and Method	Jiaping Qiang,Li Li,Le Liu
K-02	4148	Robust Trajectory Tracking Control of an Uncertain Robot with Time-varying Error Constrains	Intelligent Control Theory and Method	Yi Wang,He Ma
K-03	4186	Stability analysis of nonlinear singular time-delay systems based on Hamiltonian functional method	Intelligent Control Theory and Method	Chunfu Zhang,Renming Yang,Haiying Zhang,Xin Shi,Qi Li
K-04	4200	Real-Time Solutions of Time-Varying Separable Integral Equations (TVSIE) Using Zhang Equivalen	Intelligent Control Theory and Method	Yunong Zhang,Wuyi Yang
K-05	4212	Cooperative Tracking Control for Multiple Robots Based on self-structuring neural networks	Intelligent Control Theory and Method	Yi Wang,He Ma
K-06	4230	Boundary Output Feedback Control for A Class of Gantry Crane Systems via Backstepping Approa	Intelligent Control Theory and Method	Yurou Wen,Xuyang Lou,Baotong Cui
K-07	4232	Study on TS Fuzzy Observer for BAB System with Unmeasurable Premise Variables	Intelligent Control Theory and Method	Lijuan Bai,Juntao Pan,Shanshan Zhang,Zheng Li
K-08	4236	Research on Road Sense Simulation and Stability Control of SBW System	Intelligent Control Theory and Method	田军南
K-09	4238	A Transformation of Old Diesel Generator Set Based on Internet of Things	Intelligent Control Theory and Method	Yang Liu,Hongwu Guo,Yang Zhang,Yang Yu,Cong Gao
K-10	4257	Scene Exploration Method of Coin Collection Game Based on Deep Reinforcement Learning Algori	Intelligent Control Theory and Method	Huibai Wang,Jiahao Niu
K-11	4258	Effectiveness Evaluation of Cooperative Target allocation of UAV based on Analytic Hierarchy Pro	Intelligent Control Theory and Method	WangYisen,Guo Hongwu,Yue shengmin,Li Xuanying
K-12	4263	The Adaptive NN Control of an Uncertain Robot with Time-varying Output Constrains	Intelligent Control Theory and Method	Yi Wang,He Ma
K-13	4278	PI-Adaptive control with guaranteed transient and steady-state tracking error bounds for strict feed	Intelligent Control Theory and Method	季欣,王玉娟,魏俊峰
K-14	4300	Path Planning Algorithms for USVs via Deep Reinforcement Learning	Intelligent Control Theory and Method	Haoran Zhai,WeiHong Wang,Wei Zhang,Qingze Li
L-01	4320	LMI-based H [∞] Neumann boundary control for parabolic partial differential equation with actuator sa	Intelligent Control Theory and Method	Jiaqi Zhong,Jiajia Tan,Yupeng Yuan
L-02	4330	Adaptive Boundary Control of a Gantry Crane System with Parametric Uncertainty	Intelligent Control Theory and Method	Ling Ma,Xuyang Lou
L-03	4370	一种基于固定时间稳定理论的 NMPC 优化算法	Intelligent Control Theory and Method	刘甜田,陆群,彭涛,赵伟,张丹,苏春翌
L-04	4383	Motion planning of autonomous mobile robot based on ELANFIS	Intelligent Control Theory and Method	chenyi,chenshan,chenhui,hushuiyuan
L-05	4390	Improved particle swarm optimization algorithm based on random disturbance	Intelligent Control Theory and Method	Shan zhiyong,Erhao Xu,Xue Qingshui
L-06	4399	Improved Variable Step Size LMS Algorithm Based on Arctangent Function	Intelligent Control Theory and Method	Songnan Yang,Ning Li,Xiaohui Zhang
L-07	4463	Three-level PMSM model predictive torque control based on extended voltage vector set	Intelligent Control Theory and Method	Jianjun TU,Zhong Li
L-08	4466	Intelligent test technology requirement and current situation for hypersonic wind tunnel	Intelligent Control Theory and Method	邹琼芬

L-09	4478	Design of ADRC Based on MPGA Parameters Self-tuning for Guidance System	Intelligent Control Theory and Method	Zhu Pengbo,Li Bowen,Zhang Bo,Liu Xin,Wang Zhiqiang,Li Xiaolong
L-10	4479	液压锚杆钻机钻臂位置的RBF自适应滑模控制	Intelligent Control Theory and Method	郭一楠,刘黎宇
L-11	4491	Stochastic Stability and Stabilization of Linear Time-delay Positive Systems With Two Independent	Intelligent Control Theory and Method	Yini Wang,Jun Yang,Dejun Zhu
L-12	4499	An Optimal Iterative Learning Control Design Framework for Systems with Varying Trial Lengths	Intelligent Control Theory and Method	Shanglei Guan,Zhihe Zhuang,Hongfeng Tao
L-13	4507	基于新型趋近律的压电陶瓷扫描台滑模跟踪控制	Intelligent Control Theory and Method	徐瑞,田大鹏,王中石
L-14	4508	A novel sliding mode based nonlinear tracking differentiator for filtering noise	Intelligent Control Theory and Method	Zuoping Zhao,Shanhai Jin

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A-02	4575	A Fractional-order Sliding Mode Control Method for the USV Path Tracking	Intelligent Control Theory and Method	Dong Chen,Jundong Zhang
A-03	4578	基于近端策略优化的高速公路交通流反馈控制	Intelligent Control Theory and Method	莫舒豪,齐浩,吴乃龙
A-04	4579	An Integrated Method for Optimizing Train Speed Profile in Case of Entering Station Conflict	Intelligent Control Theory and Method	ZhaoZicong,XunJing,DongHairong,WuWenxing,ZhangWentao,WanMulin
A-05	4582	Optimal Trajectory Planning and Tracking for Autonomous Vehicles Considering Chassis Nonlinear	Intelligent Control Theory and Method	Yuxiang Zhang,Jidong Lyu,Jinkun Wang,Bingzhao Gao,Yuhai Wang
A-06	4599	Application of Fireworks Algorithm Improved Neural Network in Predictive Control of Ship Dynamic	Intelligent Control Theory and Method	Wenbin Liu,Zhong Li
A-07	4608	Real-time guidance for launch vehicles under thrust drop fault via deep learning	Intelligent Control Theory and Method	张荣升,张晋卓,秦旭东,吴昊生
A-08	4668	Leveraging Curriculum Reinforcement Learning for Rocket Powered Landing Guidance and Control	Intelligent Control Theory and Method	Han Yuan,Yongzhi Zhao,Yu Mou,Xiaojun Wang
A-09	4672	An OCSVM Based Assessment Method for Robotic Rehabilitation	Intelligent Control Theory and Method	Xu Zhong,Fan-Gang Meng,Bi Zhang,Jie Yao,Xiao-Liang Fan,Xin-Gang Zhao
A-10	4681	Approximation-Based Self-Triggered Model Predictive Control for Perturbed Nonlinear Systems	Intelligent Control Theory and Method	Chang Xu,Yu Kang,Yun-Bo Zhao,Pengfei Li,Tao Wang
A-11	4697	Group Consensus Control of Multi-Vehicle Systems with Actuator Faults	Intelligent Control Theory and Method	Ailing Wang , Baohua Sun , Bo Zhao, Zhou Shu
A-12	4708	A Deep Reinforcement Learning Method for Mobile Robot Path Planning in Unknown Environments	Intelligent Control Theory and Method	Wei Zhang,WeiHong Wang,Haoran Zhai,Qingze Li
A-13	4712	Iteration-Based Adaptive Inverse Control of Uncertain Nonlinear Systems With Hysteresis Modeled	Intelligent Control Theory and Method	Kai Huang,Guanyu Lai,WeiJun Huang,Weiwen Qiu
A-14	4714	Iterative Learning Control for Accelerated Inhibition Effect of Initial State Error	Intelligent Control Theory and Method	Jianxin Shi,Longfei Zhang,Zhi Li
B-01	4734	Command Filtered Control for Time-Delay Systems with Asymmetric Full State Constraints	Intelligent Control Theory and Method	Liqiang Tang,Yongliang Yang,Yixin Yin,Wencheng Zou
B-02	4743	Flight Control for Three-surface Morphing Aircraft Using Linear Quadratic Regulator Design Based	Intelligent Control Theory and Method	Zhihao Shi,Zhenghua Liu,Mengge Liu
B-03	4752	Multi Mode Travel Recommendation Method for Passengers at Hub Airport under the Constraint of	Intelligent Control Theory and Method	Tao Rui,Linguo Chai,Wei Shangquan,Yuting Deng,Haojie Pang,Min Nie
B-04	4798	Quadrotor inverted Pendulum control based on improved Particle Swarm Optimization	Intelligent Control Theory and Method	Jiafeng Lu,Yang Yang,Xian Jin
B-05	4828	Design of Tracking System Based on Embedded Solar Panel	Intelligent Control Theory and Method	Daping Hou,Shuolin Yang,Yunnan Lian
B-06	4849	Hybrid Sliding Mode Impedance Control of Manipulator based on Fuzzy Inference Engine	Intelligent Control Theory and Method	Tao Lyu,Fangyan Yang,Qingdu Li,Qinghai Wang
B-07	4857	Adaptive PI Control of Strict Feedback Systems with Full-State Constraints and Asymmetric Input Sa	Intelligent Control Theory and Method	Zhenhui Li,Wei Yu,Yongduan Song,Lihui Tan,Xiaoqing Wang
B-08	4878	Research on attribute-based encryption access control technology in edge computing environment	Intelligent Control Theory and Method	Yiheng Jiang,Chen Zhang,Bowen Zhang,Decheng Yuan,Chen Wang
B-09	4879	Multi-agent Reinforcement Learning Control for Consensus Problems of Uncertain Nonlinear Multi-A	Intelligent Control Theory and Method	Hua-yu Zhu,WeiJie Mao
B-10	4911	Event-Triggered Switching Control Strategy for Mixed Traffic at Freeway On-Ramps: A Cyber-Physic	Intelligent Control Theory and Method	Zhongcheng Liu,Dihua Sun,Min Zhao,Shihui Wang
B-11	4920	Adaptive Forwarding Output Feedback Control for Single Machine Infinite Bus System	Intelligent Control Theory and Method	Shuang Song,Xiaolei Hou,Jianchao He
B-12	4959	Adaptive Fault-Tolerant Control With Prescribed Tracking Performance For uncertain Nonlinear Sys	Intelligent Control Theory and Method	WeiJun Huang,Guanyu Lai,Kai Huang,Weiwen Qiu
B-13	4973	Model Predictive Control of pH Neutralization Process based on Manifold Gaussian Process	Intelligent Control Theory and Method	王志源,李瑞瑞,谢宇辉,蔡社
B-14	5000	Reinforcement Learning-Based Path Tracking With Application of Quadruped Robot	Intelligent Control Theory and Method	YiKang OuYang,HaoTian Bai,YunXiao Shan
C-01	5003	A Fractional Order Model Predictive Control Method for Electric-Hydrogen Hybrid Energy Storage S	Intelligent Control Theory and Method	Xiaofeng Xu,Yuxing Dai,Zishun Peng,Li Li,Wen Zhou,Zhenxing Zhao
C-02	5058	Grasp Planning Based on Deep Reinforcement Learning: A Brief Survey	Intelligent Control Theory and Method	Zixin Tang,Xin Xu,Yifei Shi
C-03	5066	Multi-Task Reinforcement Learning based Mobile Manipulation Control for Dynamic Object Tracking	Intelligent Control Theory and Method	Cong Wang
C-04	5067	Automatic Control of Header Height of Sugarcane Harvester	Intelligent Control Theory and Method	Huilan Xu,Zhong Jin,Xisheng Dai,Zhiheng Feng
C-05	5099	An approximate design of reduced-order unknown input estimator for a two-link serial manipulator	Intelligent Control Theory and Method	Changzhi Chen,Mengdi Chen,Kezhen Han
C-06	5114	Online self-learning optimal control for residential energy system based on adaptive dynamic progr	Intelligent Control Theory and Method	Xin Tong,Chao Huang,Xuguang Hu,Dazhong Ma
C-07	5123	Anti-swing positioning control for tower cranes based on prescribed performance	Intelligent Control Theory and Method	Lu Yuye,Liu Liaoxue,Gu Xutao,Ding Meng,Guo Yu
C-08	5125	Consensus of Second-order Heterogeneous Linear Multi-agent Systems	Intelligent Control Theory and Method	Yangzhou Chen,Guangyue Xu,Jingyuan Zhan
C-09	5130	基于渐进元启发式搜索的快速机位分配算法	Intelligent Control Theory and Method	吴晓东,李瑞瑞,金慧欣,赵欣媛,王磊
C-10	5134	A memristive chaotic system with conditional symmetry and Its circuit implementation	Intelligent Control Theory and Method	Lili Huang, Hongyan Zang , Tengfei Lei, Yanling Wang, Feng Cao, Qiang Huang
C-11	5138	Feedback quasi-consensus of first-order nonlinear heterogeneous multi-agent systems	Intelligent Control Theory and Method	Bin Du
C-12	5157	Tracking Control of an Unknown Linear System for a Fragment of Signal Temporal Logic Task	Intelligent Control Theory and Method	Weiling Ke,Xiao Yu,Chaoqun Wang,Weiyao Lan
C-13	5164	多拦截弹自适应动态规划制导律设计	Intelligent Control Theory and Method	唐晓,李旭,骆长鑫,李明杰,张锦林
C-14	5197	The Research on LQR Control of Overhead Crane Based on Interval Type-2 T-S Fuzzy Model	Intelligent Control Theory and Method	Ruonan Zhao, Xuejuan Shao,Jinggang Zhang,Zhicheng Zhao
D-01	5221	Adaptive Fan-coil Outlet Wind Temperature Control with Correction Module of Thermistor for the AS	Intelligent Control Theory and Method	Tao Zhang
D-02	5271	基于被控对象阶跃响应模型的PID参数整定方法	Intelligent Control Theory and Method	孙坚栋,舒畅,苏焯,张江丰,丁宁,李泉,郑可珂
D-03	5349	火电机组运行参数及优化效率间的偏回归分析	Intelligent Control Theory and Method	成艳亭
D-04	5367	An Improved Result for Sampled-data T-S Fuzzy Systems via A Fuzzy-Dependent Looped-Function	Intelligent Control Theory and Method	Zheng You,Huacheng Yan,Yu Zhao,Sha Fan,Meng Wang
D-05	5371	Adaptive Control of Strict-feedback Systems Under Output Constraint and Input Delay	Intelligent Control Theory and Method	WangXiaoQing,Zhenhui Li
D-06	5374	Parallel Control-Based Event-Triggered Optimal Control for Constrained Discrete-Time Nonlinear S	Intelligent Control Theory and Method	Jingwei Lu,Tianxiang Bai,Qinglai Wei,Tianmin Zhou,Fei-Yue Wang
D-07	5377	Neural Adaptive Backstepping Control of the Chaotic PMSM System with Output Constraint via Tan	Intelligent Control Theory and Method	Junxing Zhang, Shaobo Li,Fengbin Wu,Peng Zhou,Menghan Li,Tandong Li
D-08	5378	Dynamic Event-Triggered Stabilization for Markov Jump Delayed Complex-Valued Neural Networks	Intelligent Control Theory and Method	Yuan Wang,Huacheng Yan,Min Xue,Meng Wang,Jing Zhou
D-09	5386	PID control for aeroengine based on sparrow search algorithm	Intelligent Control Theory and Method	Liang Xu,Hao Wang,Ying Liu,Wei Xue,Ningning Li
D-10	5388	Robust Control for a Class of the Welding Process Systems based on PI Observer	Intelligent Control Theory and Method	Shigang Wang
D-11	5392	Research and improvement of RRT algorithm for mobile robot navigation	Intelligent Control Theory and Method	Jia Haohe
D-12	3036	Research on semiconductor intelligent coating equipment and its key technology	Intelligent Manufacturing and High-end Automation Sys	Hong Zhang ,Xiufeng Wang
D-13	3187	Research on NO2-NO Conversion Mechanism and Conversion Efficiency Measurement Control of	Intelligent Manufacturing and High-end Automation Sys	Zhang Xin,Zhao Cunbin,Shao Jianwen,Luo Lei,Yu Chonghao
D-14	3206	Development and application of automatic tapping control system for converter	Intelligent Manufacturing and High-end Automation Sys	Bing-xui WANG,Ce WANG,Xiao-li SU,Feng-qin WANG
E-01	3317	基于速度加速度前馈和摩擦误差拟合的自适应摩擦补偿研究	Intelligent Manufacturing and High-end Automation Sys	张振淼,王景成
E-02	3334	Weld Point Cloud Segmentation Algorithm Fused Contour Feature	Intelligent Manufacturing and High-end Automation Sys	刘权利
E-03	3501	An Evaluation Method of Knowledge Graph-Based Recommender System Based on FCE and GA-B	Intelligent Manufacturing and High-end Automation Sys	Jianhao Xing,Jianwei Liu,Zhishao Dai,Pu Yang,Zehui Mao,Yajie Ma
E-04	3520	A passive dynamic tuning filter monitoring system based on cloud server	Intelligent Manufacturing and High-end Automation Sys	Zhenqiong Chen
E-05	3595	Transient Performance Analysis of Five-Machine Rework Production Lines With Bernoulli Machines	Intelligent Manufacturing and High-end Automation Sys	ZeJun Ni,Zhiyang Jia,Xiaohan Wang,Chiye Ma
E-06	3633	Multi-Agents Based Safe Path Planning of Autonomous Mobile Robots in Smart Factories	Intelligent Manufacturing and High-end Automation Sys	Changde Zhu,Wanghui Bu,Jing Chen
E-07	3802	磁悬浮轴承控制方法综述	Intelligent Manufacturing and High-end Automation Sys	徐沛森,杨东升,徐海松,罗重威
E-08	3899	On-line Inspection System for Finished Circuit Board Based on Machine Vision	Intelligent Manufacturing and High-end Automation Sys	Wang Junhong
E-09	3930	A Flexible Quality Inspection Robot System for Multi-type Surface Defects	Intelligent Manufacturing and High-end Automation Sys	Mingwei Li,Xiuqin Shang,Qianyu Zhou,Yali Shi,Zhengtao Zhang
E-10	3951	低载波比下的电流过采样无差拍PMSM控制	Intelligent Manufacturing and High-end Automation Sys	汤子威,沈安文,罗欣,唐其鹏,李扬和璞
E-11	4183	Research of Airborne Radome Electrical Thickness Measurement System Control Algorithms	Intelligent Manufacturing and High-end Automation Sys	Yang Kong
E-12	4208	Sliding mode control of yarn's tension based on improved reaching law	Intelligent Manufacturing and High-end Automation Sys	QiuYang Ye,PeiLiang Wang,ZhiDuan Cai,Gang Shen,KaiLiang Hu
E-13	4376	Sliding Mode Observation and Control for Overhead Cranes with Varying Rope Length	Intelligent Manufacturing and High-end Automation Sys	Xuwei Huan,Dan Niu,Qi Li,Jun Yang,Guoyao Liu ,Xisong Chen,Xi Xiao
E-14	4378	A Position Control Algorithm of Bucket Wheel Reclaimer Based on LADRC	Intelligent Manufacturing and High-end Automation Sys	Chaoran Ding,Dan Niu,Qi Li,Xisong Chen,Jun Yang,Xuwei Huan,Junbo Liu
F-01	4388	Bi-C shape antenna design based on a proposed particle swarm optimization algorithm	Intelligent Manufacturing and High-end Automation Sys	Shan zhiyong,Haiyun Tian ,Cheng yunpeng
F-02	4439	Energy Consumption Optimization of a Serial Production Line with Unreliable Machines and Limited	Intelligent Manufacturing and High-end Automation Sys	Xiaohan Wang,Yaping Dai,Zhiyang Jia

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F-04	4577	Real time counting system of glass bottle based on Multi Objects tracking	Intelligent Manufacturing and High-end Automation Sys	Chaoqun Niu, Qing Zhu, Yaonan Wang, Xianen Zhou
F-05	4586	Design of an Access Control System Integrating Face Recognition with Temperature Measurement	Intelligent Manufacturing and High-end Automation Sys	Li Li, Yuan Sun, Xijie Liao, Yuzhen Dong, Haolin Li, Peng Rang
F-06	4629	Wafer Map Defect Pattern Recognition Based on Self-Organizing Incremental Neural Network	Intelligent Manufacturing and High-end Automation Sys	Naigong Yu, Qiao Xu, Mohammad Mehedi Hasan, Kai Jiang
F-07	4742	ELITE: Defending Federated Learning against Byzantine Attacks based on Information Entropy	Intelligent Manufacturing and High-end Automation Sys	Yongkang Wang, Yuanqing Xia, Yufeng Zhan
F-08	4744	A tuning strategy for microwave filter using variable universe adaptive fuzzy logic system	Intelligent Manufacturing and High-end Automation Sys	Sai Peng, Weihua Cao, Leyu Bi, Yan Yuan, Min Wu
F-09	4809	ETO Meets Scheduling: Learning Key Knowledge from Single-Objective Problems to Multi-Objective	Intelligent Manufacturing and High-end Automation Sys	Wendi, Xu
F-10	4833	Flexible auto job shop scheduling optimization based on genetic algorithm with catastrophe mechar	Intelligent Manufacturing and High-end Automation Sys	Shibin Lu, Xinli Wang, Lei Wang, Mingjun Shao, Youliang Yu, Xuexiao Cheng
F-11	4870	The review of facility optimization in design of the automatic welding production system	Intelligent Manufacturing and High-end Automation Sys	Qi Xia, Bangcheng Zhang, Xiyu Zhang, Xiaoqing Yin, Yubo Shao, Hang Zhao, Chen Wu, Fan Zhang
F-12	4893	Design of Ambient Intelligence Monitoring System for Park Vegetation Growth Based on Single-chip	Intelligent Manufacturing and High-end Automation Sys	Yingye Pan, Zhenya Liu, Bo Yan, Mingming Jiang
F-13	4901	基于大数据的制造企业价值链协同模型研究	Intelligent Manufacturing and High-end Automation Sys	Xiaobo Han, Wudai Liao, Aihui Wang, Jingwen Song, DaMing Ling, chenguang Yang
F-14	4939	Design and research of updating system based on OpenMBEE online data model library	Intelligent Manufacturing and High-end Automation Sys	刘宗楠
G-01	4992	Design of gain-type Smith predictor-fuzzy PID controller for heat exchanger test system	Intelligent Manufacturing and High-end Automation Sys	Zeqi Liu, Bin Shi
G-02	4993	Delta Robot Trajectory Tracking Based on Fuzzy Adaptive Sliding Mode Controller	Intelligent Manufacturing and High-end Automation Sys	Weirong Yang, Weidong Liu
G-03	5201	An ADRC-based Positioning and Anti-swing Control for Tower Crane	Intelligent Manufacturing and High-end Automation Sys	LIU Shuguang
G-04	5257	铁路信号数据测定智能化控制系统的设计研究	Intelligent Manufacturing and High-end Automation Sys	张望, 马浩, 郑军, 韩超
G-05	5279	Fractional-order Control of PMSM Servo System with Disturbances and Demagnetization Fault	Intelligent Manufacturing and High-end Automation Sys	Liul, uhan, Song Qi, GeMeng
G-06	2853	Application of simulated annealing artificial fish swarm algorithm in pulp concentration control	Intelligent Optimization Manufacturing in Process Indus	SUN Shi-chang, XIAO Zhong-jun
G-07	2894	Improved Genetic Algorithm to Solve Fc Mij Cmax Scheduling Problem	Intelligent Optimization Manufacturing in Process Indus	Zhenhua Guo
G-08	3205	Sliding Mode Control Based on Disturbance Compensation Reaching Law for Pressure Difference	Intelligent Optimization Manufacturing in Process Indus	Qiang Zhang, Shilei Zhang
G-09	3274	Multiple working conditions cobalt ion concentration prediction model based on correlate relation of	Intelligent Optimization Manufacturing in Process Indus	张旭隆, 李勇刚, 孙备, 陈威扬
G-10	3372	A fast optimization method with the speed of light	Intelligent Optimization Manufacturing in Process Indus	XiaoJun Zhou
G-11	3708	Endpoint Prediction of Copper Converter Blowing Based on Artificial Bee Colony Algorithm and Reg	Intelligent Optimization Manufacturing in Process Indus	Yu-Jie Wang, Can Zhou, Yong-gang Li, Tian-hao Liu
G-12	3799	一种适用于云萃取类的主驱向量增强方法	Intelligent Optimization Manufacturing in Process Indus	沈嘉吉, 胡强
G-13	3833	变进料性质下蒸馏装置运行约束优化方法	Intelligent Optimization Manufacturing in Process Indus	陈庆达, 丁进良, 柴天佑
G-14	3869	Intelligent setting of zinc dust dosage for a cobalt removal process based on estimation of zinc dust	Intelligent Optimization Manufacturing in Process Indus	陈威扬, 孙备, 张旭隆
H-01	4003	Adaptive Lyapunov-based MPC With Constraint Updating For FCC Unit	Intelligent Optimization Manufacturing in Process Indus	Qiangyu Li, Shaoyuan Li, Yi Zheng
H-02	4090	VFM-based modelling of burden descent under varying burden charging matrix for blast furnace	Intelligent Optimization Manufacturing in Process Indus	Zheng Hao, Xiao-Yu Tang, Wangzhen Jin, Haiheng Ji, Chunjie Yang
H-03	4259	Ball mill load control based on model free adaptive integral sliding mode control	Intelligent Optimization Manufacturing in Process Indus	Zhiqiang Guo, Qiang Zhang, Chuanhao Zhu
H-04	4371	基于博弈论的混合模型考虑人因的多目标持续调度优化	Intelligent Optimization Manufacturing in Process Indus	Hangming Du, Fei Qiao
H-05	4493	Surrogates Aided Constrained Optimization Design for a Crude Oil Distillation Unit	Intelligent Optimization Manufacturing in Process Indus	Jian Wang, Miaomiao Qu, Xuhua Shi, Xiaoxia Chen
H-06	4609	An Improvement of Lion Swarm Optimization by Using Normal Distribution Numbers to Select Cubs	Intelligent Optimization Manufacturing in Process Indus	Jiating Qie, Jianxin Zhang, Xintao Zhang, Lin Wang
H-07	4636	Design and Implementation of Online Detection System for Anode Current Distribution in Aluminum	Intelligent Optimization Manufacturing in Process Indus	HUANG Ruo-yu, Li Ze-tao
H-08	4716	Application of Modified Control Strategies for Temperature Control Process of Conditioning Cylinder	Intelligent Optimization Manufacturing in Process Indus	Juchen Hong, Xue Feng, Zhengyun Ren
H-09	4735	Prediction of drilling rate of penetration (ROP) based on PSO-SVR algorithm	Intelligent Optimization Manufacturing in Process Indus	Yongli zou, Yule Hu
H-10	4767	A Burden Descent Model for Blast Furnace Based on Swing Radar Measurement	Intelligent Optimization Manufacturing in Process Indus	Danyang Yan, Xianzhong Chen, Qingwen Hou
H-11	4842	Model-free adaptive control of cement mill load based on VRFT method	Intelligent Optimization Manufacturing in Process Indus	Zhu Chuanhao, Zhang Qiang, Guo Zhiqiang
H-12	4861	基于极值搜索的批次过程时变PID控制器参数优化	Intelligent Optimization Manufacturing in Process Indus	沈鸿宇, 徐祖华, 赵均
H-13	4899	Negative Pressure Cabin Control Based on PID and Multi-Objective Parameter Optimization	Intelligent Optimization Manufacturing in Process Indus	Cui-Cui Song, Yong-Sheng Fu, Hai-Peng Ren
H-14	4998	Modeling and optimization of an industrial fluid catalytic cracking unit under uncertainty	Intelligent Optimization Manufacturing in Process Indus	Tianyue Li, Siyi Jiang, Liang Zhao, Jian Long
J-01	5028	Creation of novel aviation gasoline blending models and their application in 100VLL	Intelligent Optimization Manufacturing in Process Indus	雷霄飞, 滕建, 叶贞成
J-02	5033	VAVRP: A Verification Architecture for Vehicle Routing Problem	Intelligent Optimization Manufacturing in Process Indus	Chaoran Li, Penglong Jiang, Xiaofeng Wang
J-03	5040	Diesel blending under property uncertainty: a data-driven robust optimization approach	Intelligent Optimization Manufacturing in Process Indus	Sivi Jiang, Liang Zhao, Renchu He, Jian Long
J-04	2700	HVAC System Modeling and Fault Simulation Research Based on Modelica	Learning, Modeling, Control, Diagnosis and Decision-m	Hui Zhu, Wen Yang, Aiping Pang
J-05	3041	Research on the Stability Evaluation Method of Train Schedule Based on Delay Propagation Model	Learning, Modeling, Control, Diagnosis and Decision-m	Chen Shuyao, Zheng Wei, Yue Yixiang, Wang Yongcheng
J-06	3112	Balancing diversity and accuracy of the recommendation system based on multi-objective optimizat	Learning, Modeling, Control, Diagnosis and Decision-m	Langlang Zhang, Anqi Pan, Hongrui Shi
J-07	3145	基于时空无向图模型的路网交通流预测	Learning, Modeling, Control, Diagnosis and Decision-m	吴家成, 肖建力
J-08	3166	A Novel Adaptive Gradient Compression Approach for Communication-Efficient Federated Learning	Learning, Modeling, Control, Diagnosis and Decision-m	Wei Yang, Yuan Yang
J-09	3167	空天低可观测目标的模糊动态区间型AHP威胁评估方法	Learning, Modeling, Control, Diagnosis and Decision-m	吴昊
J-10	3224	A Decentralized Algorithm for Deep Echo State Networks	Learning, Modeling, Control, Diagnosis and Decision-m	Wenqi Qiu, Wu Ai
J-11	3268	A novel energy-saving train operation strategy based on particle swarm algorithms	Learning, Modeling, Control, Diagnosis and Decision-m	Hao Wang, Yuxuan Li, Hongli Zhao, Xinjun Gao
J-12	3312	面向人机协同算法的视距内空战数据库建立及分析	Learning, Modeling, Control, Diagnosis and Decision-m	马金毅, 薛涛, 温炯然, 杨曦中, 董一群, 袁剑良
J-13	3321	基于区域扰乱的鲁棒判读方法	Learning, Modeling, Control, Diagnosis and Decision-m	刘博闻, 张东旭
J-14	3417	Optimal Operation of Integrated Energy System Based on Renewable Energy Scenarios	Learning, Modeling, Control, Diagnosis and Decision-m	Xianhua Hu, Fan Zhou, Jun Zhao, Wei Wang
K-01	3436	Forecasting Infectious Diseases Dynamic Transmissibility with Age Structure and Medical Resource	Learning, Modeling, Control, Diagnosis and Decision-m	Wenjuan Mei, Zhen Liu, Bo Long, Yuanzhang Su
K-02	3442	Metro train scheduling optimization for virtual coupling based train control	Learning, Modeling, Control, Diagnosis and Decision-m	Yuxuan Li, Li Zhu, Xi Wang, Hongli Zhao, Xinjun Gao
K-03	3449	Optimal Operation of a Hydrogen-based Building Multi-Energy System under Uncertainties	Learning, Modeling, Control, Diagnosis and Decision-m	Liang Yu, Shuai Qin, Chao Shen
K-04	3452	Optimal HVAC Control in Shared Office Spaces Based on Deep Reinforcement Learning	Learning, Modeling, Control, Diagnosis and Decision-m	Shuai Qin, Liang Yu, Dong Yue, Chao Shen
K-05	3488	Soldier Threat Assessment Method Based on Bayesian Network	Learning, Modeling, Control, Diagnosis and Decision-m	Qin Zhang, Jiabin Chen, Jiaxing Sun, Junyu Liang
K-06	3515	基于强化学习的AUV紧急状态下的上浮控制	Learning, Modeling, Control, Diagnosis and Decision-m	汪英豪, 李沂滨
K-07	3591	A deep transfer learning model for personalized blood glucose prediction	Learning, Modeling, Control, Diagnosis and Decision-m	Han Xianhan, Yu Xia, Yang Tao, Li Hongru
K-08	3606	Q-learning based Robust Model Predictive Control for Uncertain Linear Systems	Learning, Modeling, Control, Diagnosis and Decision-m	Jia Wang, Yuhang Zhang, Ying Yang
K-09	3624	基于多尺度小波卷积神经网络的齿轮箱故障诊断方法	Learning, Modeling, Control, Diagnosis and Decision-m	黄大建, 郭健, 郭方洪, 张文安
K-10	3711	DCLN: Diverse Curriculum Learning with Neuroevolution in Six-Player Poker Tournament	Learning, Modeling, Control, Diagnosis and Decision-m	Junren Luo, Weilin Yuan, Wanpeng Zhang, Jing Chen
K-11	3713	Imperfect Information Game in Multiplayer No-limit Texas Hold'em Based on Mean Approximation a	Learning, Modeling, Control, Diagnosis and Decision-m	Weilin Yuan, Zhenzhen Hu, Junren Luo, Jiahui Xu, Xiang Ji, Shaofei Chen, Wanpeng Zhang, Jing Chen
K-12	3714	Opponent-Restricted Response Solving on Texas Hold'em Poker	Learning, Modeling, Control, Diagnosis and Decision-m	Weilin Yuan, Hu Zhenzhen, Wei Tingting, Luo Junren, Zhang Wanpeng, Chen Jing
K-13	3733	Distributed Convergence to Nash Equilibria in a Zero-sum Resource Allocation Game	Learning, Modeling, Control, Diagnosis and Decision-m	侯洁, 曹宪琳
K-14	3762	Mechanism and Data-based Hybrid Model for Czochralski Silicon Single Crystal Growth Process	Learning, Modeling, Control, Diagnosis and Decision-m	Jun-Chao Ren, Ding Liu, Hao-Peng Yang
L-01	3776	Variable speed trajectory prediction method of dynamic prosthesis based on improved SeqGAN	Learning, Modeling, Control, Diagnosis and Decision-m	Haowei Han, Honglei An, Hongxu Ma, Qing Wei
L-02	3819	时序知识图谱中历史事件综合影响力模型的构建方法	Learning, Modeling, Control, Diagnosis and Decision-m	李哲辉, 王彬, 王炜智, 程序, 余正涛
L-03	3826	带有高压开关柜专家知识的贝叶斯网络参数学习方法	Learning, Modeling, Control, Diagnosis and Decision-m	蒋文涛, 张宝康, 吴麒, 葛其运, 仇翔, 张文安
L-04	3829	Automatic Overtaking on Two-way Roads with Vehicle Interactions Based on Proximal Policy Optim	Learning, Modeling, Control, Diagnosis and Decision-m	Xiaochang Chen, Jieqiang Wei, Xiaoqiang Ren, Karl H. Johansson, Xiaofan Wang
L-05	3832	LSTM-Based Prediction Model for Tool Face State of Sliding Directional Drilling	Learning, Modeling, Control, Diagnosis and Decision-m	Mingchun Sun, Jiasheng Hao, Dong Chen, Zhinan Peng, Wei Liu
L-06	3836	基于无模型在线学习的定向钻井工具面自适应控制方法	Learning, Modeling, Control, Diagnosis and Decision-m	郝家胜, 马栋玮, 刘伟, 彭知南, 陈东
L-07	3864	The Policy-Making of Evacuation Route Based on Neural Network for Cruise Ship	Learning, Modeling, Control, Diagnosis and Decision-m	Shen Siyuan, Dun Meng, Mi Yan
L-08	3874	Optimal Safety Problems Allocation by PSO Algorithm in China Railway Bureau	Learning, Modeling, Control, Diagnosis and Decision-m	Liu Jun

L-09	3887	Proportional-Integral-Derivative-Incorporated Latent Factorization of Tensors for Large-Scale Dynamical Systems	Learning, Modeling, Control, Diagnosis and Decision-making	Hao Wu,Yan Xia,Xin Luo
L-10	3904	An Evaluation Method of Ocean Current Impacting on Underwater Vehicle Navigation Based on Dynamic Programming	Learning, Modeling, Control, Diagnosis and Decision-making	Yuxin Zhao,Nan Jiang,Renfeng Jia,Xiong Deng,Yang Chen,Changzhe Wu
L-11	3953	A Comprehensive Evaluation Model for Traffic Data Quality Based on GRA and TOPSIS	Learning, Modeling, Control, Diagnosis and Decision-making	Wei Ba,Bing Jia,Qi Li
L-12	4022	Distributed Reduced Kernel Extreme Learning Machine	Learning, Modeling, Control, Diagnosis and Decision-making	Manrui Zhou,Wu Ai
L-13	4125	数据中心虚拟机动态放置策略研究	Learning, Modeling, Control, Diagnosis and Decision-making	季学纯
L-14	4170	Research on Typical Load Classification of Electricity Users Based on Bad Data Detection	Learning, Modeling, Control, Diagnosis and Decision-making	Quan Sun,Chao Zhang,Yan Gao,Huaiyu Wang,Mengyao Liu

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A-01	4179	Research and Implementation of Efficient DPI Engine Base on DPDK	Learning, Modeling, Control, Diagnosis and Decision-m	任越,陈森,李波,王学渊,李星志,廖梓钧
A-02	4203	基于深度强化学习的救护车动态重定位调度研究	Learning, Modeling, Control, Diagnosis and Decision-m	刘冠男,曲金铭,吴俊杰
A-03	4220	Information Sharing in the Presence of a Retailer's Risk Aversion and Altruism	Learning, Modeling, Control, Diagnosis and Decision-m	徐禹雁
A-04	4254	Feedforward-Control-Oriented Identification: A Robust Iterative Learning Approach	Learning, Modeling, Control, Diagnosis and Decision-m	Fazhi Song
A-05	4282	基于改进的修正交偏最小二次的高炉炼铁过程质量监测	Learning, Modeling, Control, Diagnosis and Decision-m	荣健,姜牛信,周平
A-06	4288	Application Algorithm of Equipment Alarm Data in Power Network Direct Acquisition Data Analysis	Learning, Modeling, Control, Diagnosis and Decision-m	JING WANG,MIAO LI
A-07	4309	A hybrid method based deep learning approach for Predicting residual Life of Machinery	Learning, Modeling, Control, Diagnosis and Decision-m	Hui Gao,Yibin Li,Yan Song,Qingwen Guo,Daichao Wang
A-08	4315	Pre-trained Language Model based Medical Named Entity Recognition	Learning, Modeling, Control, Diagnosis and Decision-m	Jiaju Wu,Zheng Cheng
A-09	4337	带权超网络的多重分形度量	Learning, Modeling, Control, Diagnosis and Decision-m	刘胜久,伍小兵,曹小平,汪应
A-10	4348	The trajectory planning and path following control of an anthropomorphic upper limb	Learning, Modeling, Control, Diagnosis and Decision-m	Qin Wen,Zhang Chen,Wang Ting,Shen Mouquan
A-11	4381	Feedback-based Coarse Time-Granularity POI Recommendation and Itinerary Planning	Learning, Modeling, Control, Diagnosis and Decision-m	宗杰,丁志军
A-12	4419	A Text Clustering Method Based On The Improved Heuristic Three-parent Genetic Algorithm	Learning, Modeling, Control, Diagnosis and Decision-m	Qingwu Fan,Zidong Wang
A-13	4457	Magnetic anomaly detection on wavelet packet and support vector machine	Learning, Modeling, Control, Diagnosis and Decision-m	Hao Wang, Genzhai Peng, Chengdong Wang, Huan Yan,Zhihong Zhang,Yong Chen
A-14	4460	Robust Least Squares Projection Twin Support Vector Machine and its Sparse Solution	Learning, Modeling, Control, Diagnosis and Decision-m	Shuisheng Zhou,Wenmeng Zhang,Li Chen,Mingliang Xu
B-01	4484	Classification and Realization of Relevance Data Based on Address Text	Learning, Modeling, Control, Diagnosis and Decision-m	Wenchuan Yang,Tianyu Gu,Runqi Sui
B-02	4494	Learning Network-Invariant and Label-Discriminative Representations for Cross-Network Node Clas	Learning, Modeling, Control, Diagnosis and Decision-m	Yang Linyao,Xu Yancai,Hou Jiachen,Dai Yuxin,Lv Chen
B-03	4504	Prediction Method for NOx Emissions in Cement Rotary Kiln Based on EMD and ESNs	Learning, Modeling, Control, Diagnosis and Decision-m	李凡军,李颖,王孝红,刘利,王文婷
B-04	4528	Composite Radix Tree—A Storage Method for Efficient Retrieval of Massive Data	Learning, Modeling, Control, Diagnosis and Decision-m	Yanan Qi,Linkun Sun,Wenbao Jiang
B-05	4571	Vehicle Trajectory Data Publishing Mechanism Based on Differential Privacy	Learning, Modeling, Control, Diagnosis and Decision-m	Shanbin Li,Zhiyin Qi,Qinxue Li
B-06	4580	A Sparse Taxi Trajectory Data Recovery and Calibrate Algorithm	Learning, Modeling, Control, Diagnosis and Decision-m	Fujin Hou,Xiaowei Lan,Jingrong Chen,Yuhuan dong,Xucai Zhuang,Jianqing Wu
B-07	4585	EDRS: an Automatic System to Recognize Electrical Drawings	Learning, Modeling, Control, Diagnosis and Decision-m	Aibo Song,Huang Kun,Bowen Peng,Rui Chen,Kun Zhao,Jingyi Qiu,Kaixuan Wang
B-08	4601	Research on Early Warning of Temperature Fault of Wind Turbine Converter Based on GA-PSO-BP	Learning, Modeling, Control, Diagnosis and Decision-m	Yu Zhang
B-09	4648	Power Quality Situation Awareness in Distribution Station Area Based on Data Mining	Learning, Modeling, Control, Diagnosis and Decision-m	Shiyu Yang,Fengyin Ji,Xingzhen Bai,Minghua Chu,Jiahao Kang,Xinlei Zhen
B-10	4677	Short-term power load forecasting during the COVID-19 pandemic using XGBoost and Copula theori	Learning, Modeling, Control, Diagnosis and Decision-m	Bo-wen Liu, Da Xu, Yong He
B-11	4698	新能源场站共享储能提供调频服务的日内市场申报策略	Learning, Modeling, Control, Diagnosis and Decision-m	马昱欣,胡泽春
B-12	4713	Modeling of nonlinear dynamic system based on Deep Operator Network	Learning, Modeling, Control, Diagnosis and Decision-m	Yanfeng Wang,Longfei Zhang,Zhi Li
B-13	4717	Unknown fault diagnosis based on meta-learning under complex working conditions	Learning, Modeling, Control, Diagnosis and Decision-m	Ling Li
B-14	4739	FoG Recognition Based on Time-frequency Analysis and Convolutional Neural Network Combined	Learning, Modeling, Control, Diagnosis and Decision-m	Yanbo Zhu,Yuangqing Xia,Di-Hua Zhai
C-01	4745	The predictin of the silicon content in hot metal based on GRU using DTFT denoising	Learning, Modeling, Control, Diagnosis and Decision-m	Yang Zhaochua,Xiang Zixin,Yan Duojin,Li Yanrui
C-02	4747	Questionnaire Survey and Analysis on the Development Project of Traditional Chinese Medicine Se	Learning, Modeling, Control, Diagnosis and Decision-m	JIANGLING ming,ZU Longhui,PAN Yingyue,LI Hongxia,LU Yonghui,WU Xiuquan,HOU Daping
C-03	4757	A novel Method for Solving the Uncertain Run-time Assembly Line Balancing Problem via the Impr	Learning, Modeling, Control, Diagnosis and Decision-m	邓晓智,马路腾,汤辉,古振威,吴迪,鲍远义
C-04	4769	Kinetic modeling and parameter optimization of n-butane isomerization reaction	Learning, Modeling, Control, Diagnosis and Decision-m	柴鸿坤,陈娟,罗锐涵
C-05	4787	基于多尺度卷积注意力网络融合的刀具磨损预测	Learning, Modeling, Control, Diagnosis and Decision-m	黄夫卿,黄豪,张焱,韩延
C-06	4808	基于XGBoost的火电锅炉典型换热设备积灰系数在线监测方法	Learning, Modeling, Control, Diagnosis and Decision-m	邓冠华,袁景琪
C-07	4822	Openness Weighted Association Studies: Leveraging Personal Genome Information to Prioritize Ne	Learning, Modeling, Control, Diagnosis and Decision-m	侯琳
C-08	4844	基于图学习的推荐系统发展现状与展望	Learning, Modeling, Control, Diagnosis and Decision-m	程振东,杨林瑶,王晓,徐延才,张俊,王飞跃
C-09	4865	Fault diagnosis method based on recursive federated transfer learning under multi rate sampling	Learning, Modeling, Control, Diagnosis and Decision-m	Chenjie Pu
C-10	4866	Semi-supervised bearing fault diagnosis based on DNN joint optimization	Learning, Modeling, Control, Diagnosis and Decision-m	Shanjie Tang
C-11	4867	Imbalanced bearing fault diagnosis based on adaptive cost-sensitive neural network	Learning, Modeling, Control, Diagnosis and Decision-m	Chenhan Yang
C-12	4872	A hybrid prediction method for SOFC degradation prediction	Learning, Modeling, Control, Diagnosis and Decision-m	Yanmin Zu,Xi Li,Jianhua Jiang
C-13	4883	模糊集在乳腺癌预防中的应用	Learning, Modeling, Control, Diagnosis and Decision-m	胡海红,真红
C-14	4925	Region-adaptive Transfer Entropy for Multi-mode Fault Root Tracing of Industrial Processes	Learning, Modeling, Control, Diagnosis and Decision-m	Qi Chu,Li Hongguang,Yang Bo,Li Jince,Wang Wenduo
D-01	4979	基于XGBoost的谷氨酰胺转氨酶活滚动学习预报方法	Learning, Modeling, Control, Diagnosis and Decision-m	王浩,袁景琪
D-02	4980	Optimization for Boiler Based on Data Mining and Multi-Condition Combustion Model	Learning, Modeling, Control, Diagnosis and Decision-m	Guanghong Li,Bin Shi
D-03	4983	A Classification Model of Music Genres Using BP Neural Network Based on Genre Similarity Analys	Learning, Modeling, Control, Diagnosis and Decision-m	Dazhen Sun,Mo Lv,Hang Ren,Jiaqi Fan,Qifang Liu
D-04	5011	A greedy iterative least squares algorithm for multivariable systems	Learning, Modeling, Control, Diagnosis and Decision-m	Ping Han,Yanjun Liu
D-05	5034	Multi-window Drift Detection Method Based on Integrating Outlier Recognition and Input/Output Spa	Learning, Modeling, Control, Diagnosis and Decision-m	chaofan Xu ,Jian Tang,Zijian Sun,Heng Xia,Zhe Xu,Wen Xu
D-06	5048	Haematococcus pluvialis cell based on support vector machine Classification research	Learning, Modeling, Control, Diagnosis and Decision-m	Yong-li Zhang ,Ji ping Su,Shi gang Cui ,Jing yu Zhang ,Xiao li Wang
D-07	5054	基于深度强化学习的个性化心血管风险逆转算法	Learning, Modeling, Control, Diagnosis and Decision-m	卞海洋,郝敬升,张学工,江瑞,阎海荣
D-08	5068	Incorporating Nesterov's Momentum into Distributed Adaptive Gradient Method for Online Optimizat	Learning, Modeling, Control, Diagnosis and Decision-m	Sumu Li,Dequan Li,Yuheng Zhang
D-09	5103	PRRM: An Efficient Framework for Learning Multi-step Robotic Manipulation Tasks	Learning, Modeling, Control, Diagnosis and Decision-m	Kan Liu,Shuang Dai,Yongjia Zhao,Ning Zhang,Tao Qi,Shiyu Chen
D-10	5115	Distributed Broad Learning System With Quantized and Censored Communications	Learning, Modeling, Control, Diagnosis and Decision-m	Jinyan Liang,Wu Ai
D-11	5147	Time Optimal Trajectory Planning of Unmanned Surface Vessels: A Deep Learning-based Control	Learning, Modeling, Control, Diagnosis and Decision-m	Jialun Lai,Zhigang Ren,Zongze Wu
D-12	5214	Estimation of urban arterial travel time based on dynamic bayesian network	Learning, Modeling, Control, Diagnosis and Decision-m	Zhonghe He,Renchi Shao,Jiaming Wang
D-13	5222	Research on prediction method of public building energy consumption based on mixed analysis of d	Learning, Modeling, Control, Diagnosis and Decision-m	ZOU Rongwei,YANG Qiliang,XING Jianchun,ZHOU Qizhen,CHEN Wenjie,KONG Lingling
D-14	5287	TEST test 444 Dynamic Incremental Rough K-means Clustering Considering the Spatial Location D	Learning, Modeling, Control, Diagnosis and Decision-m	Lv Hongqiang,Zhang Sam
E-01	5417	Clustering Analysis Based on Short Video Content Producers	Learning, Modeling, Control, Diagnosis and Decision-m	孔令刚
E-02	3376	Emergency Medical Terminal Delivery Optimization based on Improved A* Algorithm	Logistics Systems and Automation	Yingshi Lao,Zhenning Yu
E-03	3446	EMS design of equipment monitoring and management information system for large airport cargo st	Logistics Systems and Automation	Jiandong Qiu, Yudong Qi, Min'an Tang
E-04	3533	Design and Implementation of Automatic Transport Control System for Warehouse with High Spatio	Logistics Systems and Automation	Mai Yinglun
E-05	3565	Control of Raw Materials Releasing for a Manufacturing System with Product Quality Downgrade	Logistics Systems and Automation	Jia You,Zheng Wang
E-06	3650	一类典型的分拣系统的无死锁行驶规则设计及吞吐率分析	Logistics Systems and Automation	程颖标,付旭珂,郝超波
E-07	4237	The optimal strategy of online car-hailing platforms with electric vehicle rental service	Logistics Systems and Automation	Yaoyao Ku,Peng Wu
E-08	4252	Research on Warehouse Layout Optimization Under "Double Carbon" Target	Logistics Systems and Automation	Qiang Ren,Yaoyao Ku,Youchang lv
E-09	4298	A new artificial bee colony for vehicle routing problem with drones	Logistics Systems and Automation	Cui Zhengzhi,Lei Deming
E-10	4362	Hybrid immune algorithm for solving the traveling salesman problem with drone	Logistics Systems and Automation	Xiang Chen,Deming Lei
E-11	4653	A simulated annealing algorithm for automatic sorting system based on rail guided vehicles	Logistics Systems and Automation	金子源
E-12	4665	Resilience-Oriented Train ReschedulingOptimization in Railway Networks: A MixedInteger Program	Logistics Systems and Automation	Xianliang Ren,Tao Tang,Jiateng Yin
E-13	4995	Optimization for Operation and Information Process of Railway Logistics	Logistics Systems and Automation	Zhe LIU
E-14	5091	Hybrid Strategy based Timetable Rescheduling for High-Speed Railways under Disturbances	Logistics Systems and Automation	Jingfan Shang,Min Zhou,Hairong Dong,Ye Li,Qingpei Duan
F-01	3246	Bio-inspired Coral-like Sensor Aiming at Ocean Wave Monitoring	Marine Environmental Monitoring and Simulation	Xinyu Wang,Peng Xu,Jianhua Liu,Tingyu Wang,Siyuan Wang,Tangzhen Guan,Xiangyu Liu,Tianyu Chen,Jin Tao,M
F-02	4134	Target Localization in Underwater Acoustic Sensor Networks with False Data Attacks	Marine Environmental Monitoring and Simulation	Chenlu Gao,Jing Yan,Xiaoyuan Luo,Xiaojing Wu

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F-03	4424	Informative Path Planning for AUV-based Underwater Terrain Exploration with a POMDP	Marine Environmental Monitoring and Simulation	Shi Zhang,Rongxin Cui,Weisheng Yan,Yinglin Li
F-04	4804	Remote Sensing Inversion for River Turbidity Estimation Based on Noise Injection and Ensemble Learning	Marine Environmental Monitoring and Simulation	Yazhen Zhou,Shuang Shi,Hongyan Liu,Yonghui Zhang,Ke Gu,Junfei Qiao
F-05	5158	Estimating the Location of HFSWR Extended Targets Based on Clustering Algorithm	Marine Environmental Monitoring and Simulation	高亮
F-06	5256	Research on Biological Disaster Early Warning and Decision Support System of Nuclear Power Plant	Marine Environmental Monitoring and Simulation	Jianling Huo,SongTang Liu, Lei Sun,Lei Yang,Yuze Song,Chao Li
F-07	2824	Numerical simulation of cancer tissue electroporation base on mesh transport network method	Medical Imaging, Bioinformatics and Biomimetic Control	Fei Guo,Kun Qian,Hao Deng,Xin Li
F-08	3030	Simulation study on IRE ablation of breast tumors with multi-electrode	Medical Imaging, Bioinformatics and Biomimetic Control	Fei Guo,Hao Deng,Kun Qian,Xin Li
F-09	3170	MEEnhancer: a webserver for exploring the possible regulatory patterns of enhancer methylation	Medical Imaging, Bioinformatics and Biomimetic Control	Xu Pan,Xin Li,Jie Sun,Zhiying Xiong,Shangwei Ning,Hui Zhi
F-10	3441	Classification of benign and malignant lung nodules based on patterns and 3D VNet network	Medical Imaging, Bioinformatics and Biomimetic Control	Zhaokai Kong,Mengyi Zhang,Wenjun Zhu,Yang Yi,Tian Wang,Fei Yan
F-11	3463	Incomplete Multi-view Clustering for Single cell RNA Sequencing Data	Medical Imaging, Bioinformatics and Biomimetic Control	Tijian Zhu,Yuan Zhu,Chuan-Ke Zhang
F-12	3629	TransRAM: A classification model of breast pathology images that imitates the diagnosis process	Medical Imaging, Bioinformatics and Biomimetic Control	Weiming Mi,Tao Zhang,Jiaming Wang
F-13	3682	Multi-Dilated Hierarchical Filter Based 3D U-Net for Multi-Modal Brain Tumor Segmentation	Medical Imaging, Bioinformatics and Biomimetic Control	Shaocong Mo,Xiaotian Jin,Xin Jin
F-14	3910	Semi-passive Walking Control of Biped Robot with Muscle Model	Medical Imaging, Bioinformatics and Biomimetic Control	梁建鑫,张奇志,周亚丽
G-01	3937	A Computation Analysis of Optimal Position for Arteriovenous Fistula Thrill Measurement	Medical Imaging, Bioinformatics and Biomimetic Control	Zhichen Lai,Fengyan Zhao,Cong Cai,Ying Ma,Jianxing Li,Kan Luo
G-02	3950	Speed Control of a Biomimetic Robotic Fish Based on Linear Active Disturbance Rejection Control	Medical Imaging, Bioinformatics and Biomimetic Control	Yupei Huang,Zhengxing Wu,Sheng Du
G-03	4249	A Detection Method for Parkinson's Hand Tremor Based on Machine Learning	Medical Imaging, Bioinformatics and Biomimetic Control	Jiao Meng,Qingran Niu,Xin Huo,Hui Zhao,Liming Zhang,Xun Wang,Yang Wang
G-04	4268	Cardioprotection study of Panacis Quinquefolii Radix based on grey relational analysis	Medical Imaging, Bioinformatics and Biomimetic Control	Ke Li,Yan Gao,Lei Wang,Jing Lv,Bonian Zhao
G-05	4344	Multi-Scale Analysis of Brain Functional Networks in Schizophrenia Based on Spectral Graph Wavelet	Medical Imaging, Bioinformatics and Biomimetic Control	Chaoyu Du,Xiaoying Song,Li Chai
G-06	4345	SVM Based Human Respiratory Pattern Classification Method for Stereo Radiotherapy Robot	Medical Imaging, Bioinformatics and Biomimetic Control	Yao Yao,Bo Li,Rongchuan Sun,Shumei Yu, Lining Sun
G-07	4377	SpatialDomain: 整合组织图像和分子表达信息的空间转录组数据空间域分析方法	Medical Imaging, Bioinformatics and Biomimetic Control	单倍然
G-08	4472	基于组学大数据挖掘与实验分析发现有临床应用前景的肝癌亚型	Medical Imaging, Bioinformatics and Biomimetic Control	Tong Wu,Guijuan Luo,Oluyun Lian,Chengjun Sui,Jing Tang,Hongyang Wang,Jin Gu,Lei Chen
G-09	4533	HighlyRegionalGenes: 基于基因网络的单细胞转录组特征选择方法	Medical Imaging, Bioinformatics and Biomimetic Control	Yanhong Wu,Qifan Hu,Shicheng wang,Changyi Liu,Gin Gu
G-10	4567	基于胰腺导管癌异源移植模型的吉西他滨耐药单细胞研究	Medical Imaging, Bioinformatics and Biomimetic Control	李欣琪,杨刚,陈光宇,古程
G-11	4569	Grade quantification of Parkinson's disease based on principal component analysis	Medical Imaging, Bioinformatics and Biomimetic Control	Long Zhou,Jigang Tong,Enzeng Dong,Lin Zhu, Jiachen Zhang
G-12	4614	Gender Classification Based on Body Images	Medical Imaging, Bioinformatics and Biomimetic Control	Bingze Dai,Dequan Yang
G-13	4660	原发性肝癌空间特征研究	Medical Imaging, Bioinformatics and Biomimetic Control	郭艾博
G-14	4679	基于cfDNA甲基化的非侵入式智能癌症检测	Medical Imaging, Bioinformatics and Biomimetic Control	李嘉琦,魏磊,汪小我
H-01	4692	生物分子竞争性调控: 理论建模、定量观测与生物医学应用	Medical Imaging, Bioinformatics and Biomimetic Control	汪小我
H-02	4738	结合神经网络的基因表达模型的求解和参数推断	Medical Imaging, Bioinformatics and Biomimetic Control	曹志兴,许礼彬,傅晓鸣
H-03	4817	基于深度生成式模型的启动力子设计	Medical Imaging, Bioinformatics and Biomimetic Control	王昊晨,王也,汪小我
H-04	4820	多物种早期胚胎发育中转录因子结合位点聚集区间的比较分析	Medical Imaging, Bioinformatics and Biomimetic Control	欧阳张翼,陈河兵
H-05	4855	Survival prediction of LGG patients based on deep learning of MRI data and genomic data integration	Medical Imaging, Bioinformatics and Biomimetic Control	Lingzhi Sun,Yong He
H-06	4864	Systematic embryonic A-to-I editome identification suggests an organized editing swarm in human	Medical Imaging, Bioinformatics and Biomimetic Control	丁阳,李昊,王军婷,陈河兵,高歌,伯晓晨
H-07	4884	SCOA-Net: 一种基于CT影像的新冠肺炎病变区域分割网络	Medical Imaging, Bioinformatics and Biomimetic Control	赵世轩,李永杰
H-08	4894	Deep Hashing Based Model for Image Similarity Retrieval in DNA Storage	Medical Imaging, Bioinformatics and Biomimetic Control	Haoxiao Cai,Ye Wang,Xiaowo Wang
H-09	4931	Rheumatoid Arthritis Detection method based on Mask R-CNN	Medical Imaging, Bioinformatics and Biomimetic Control	马楠,辛景民,武佳懿,郑南宁
H-10	4957	TransDeepLabv3: Multi-Prior Framework for Medical Image Segmentation	Medical Imaging, Bioinformatics and Biomimetic Control	Yi Yue,Zhiqiang Tian,Yanan Qiao
H-11	5004	Risk Assessment of High Myopia in Primary School Students using Bayesian Network Inference	Medical Imaging, Bioinformatics and Biomimetic Control	Yanjiao Li,Jie Xu,Hanruo Liu,Huiqi Li,Ningli Wang
H-12	5019	结肠癌染色质拓扑相关结构域层级变化与关键基因表达异常密切关联	Medical Imaging, Bioinformatics and Biomimetic Control	杜桂芳
H-13	5039	基于置信规则库的医疗领域故障数据检测	Medical Imaging, Bioinformatics and Biomimetic Control	张冲,郭一楠,巩敦卫
H-14	5060	Bupleurum seeds recognition with attention mechanism	Medical Imaging, Bioinformatics and Biomimetic Control	陈子恒,辛景民,武佳懿,高德民,左炜亮,郑南宁
J-01	5069	基于深度学习的机械通气患者人机不同步预警方法	Medical Imaging, Bioinformatics and Biomimetic Control	李瑞瑞,宁泽煌,吴桐桐,周益民,孙世豪,周建新
J-02	5111	DeepCARE: 一种用于定位多路复用成像数据中肿瘤热点区域的深度学习算法	Medical Imaging, Bioinformatics and Biomimetic Control	张旭,曾丰
J-03	5170	Fractional order transcriptional regulation model for Hela cell BPI gene of cervical cancer	Medical Imaging, Bioinformatics and Biomimetic Control	张港归,李瑞瑞,赵梦
J-04	5280	Survival analysis based on the Bayesian method	Medical Imaging, Bioinformatics and Biomimetic Control	Honglei Zhang,Jing Teng,Yizhan Feng
J-05	2662	驱动康复机器人运动学与动力学建模分析	Modeling, Control and Diagnosis Based on Big Data	陈宁,张敬宇,武玉强
J-06	2671	The analysis on the intelligent charging pile design and implementation based on narrow bandwidth	Modeling, Control and Diagnosis Based on Big Data	Jiang Xudong,Deng Gaozhong,Gao Haoyan
J-07	2699	The motion planning of Six-Degree-of-Freedom manipulator based on P-Rob	Modeling, Control and Diagnosis Based on Big Data	Chang Zhang,Yuqiang Wu
J-08	2839	使用带记忆存储单元的神经网络对转台伺服系统摩擦力矩建模	Modeling, Control and Diagnosis Based on Big Data	谢斌,陈松林
J-09	3190	Nonlinear Industrial Fault Detection Method Based on Bayesian Randomized Principal Component	Modeling, Control and Diagnosis Based on Big Data	Du Kunyu,Deng Xiaogang
J-10	3252	The F10.7 Solar Radio Flux Prediction Based On LSTM Neural Network	Modeling, Control and Diagnosis Based on Big Data	Lifan Zhou,Siyuan Huang,Guangfu Ma,Yanning Guo,Wenyu Qin
J-11	3255	Operating Performance Assessment for Dynamic Industrial Processes Based on CVA-TPLS	Modeling, Control and Diagnosis Based on Big Data	Yan Liu,Hongchen Zhao,Qijie Bu
J-12	3296	Mechanism Modeling and Analysis of Submerged Water Bath Cooling Molding Process	Modeling, Control and Diagnosis Based on Big Data	Qiancheng Lu,Qiu-an Huang,Feng Gao,Yue-zhi Liu,Long-jie Zhang,Yong Chen
J-13	3297	Input-delay-based LSTM-GRU dynamic modeling method for steam flow in steel industry	Modeling, Control and Diagnosis Based on Big Data	Xin Chen,Feng Jin,Jun Zhao,Ying Liu,Quanli Liu
J-14	3365	Self-updating Fault Diagnosis Method of Dynamic Positioning Ship Sensor Based on Wavelet Neural Network	Modeling, Control and Diagnosis Based on Big Data	Yujie Xu,Yuhong Zhang,Mingyu Fu
K-01	3420	Anomaly Detection of Marine Gas Turbines based on WDCA-ARX Model	Modeling, Control and Diagnosis Based on Big Data	Yunpeng Cao,Ran Ao,Junqi Luan,Hui Zhang,Xiaoyu Han,Shuying Li
K-02	3459	Data-driven-based model predictive control of reagents addition for tungsten flotation process	Modeling, Control and Diagnosis Based on Big Data	Kun Wan,Deqang Xu,Yaoyi Cai
K-03	3461	Sparsity Adaptive Compression Identification Algorithm for Volterra Series Model	Modeling, Control and Diagnosis Based on Big Data	马一丹,曹建福
K-04	3462	Identification of Ship Course Model Based on Gaussian Process Regression	Modeling, Control and Diagnosis Based on Big Data	Zhenyu Fu,Yuanbao Chen,Xudong Wang,Jin Zhao
K-05	3497	Long-short Memory with Feature Representation by Latent-variable Model for Industrial Soft Sensor	Modeling, Control and Diagnosis Based on Big Data	Liyuan Kong,Chunjie Yang,Wenhai Wang
K-06	3554	Modeling of Czochralski silicon single crystal growth process based on improved stack autoencoder	Modeling, Control and Diagnosis Based on Big Data	Yin Wan,Ding Liu,Yuyu Zhang,Jun-Chao Ren
K-07	3586	Intelligent Online Monitoring Method and Application for Large Nuclear Power Transformer Based on Deep Learning	Modeling, Control and Diagnosis Based on Big Data	FENG Yuhui
K-08	3588	基于无线大数据平台的电力监控系统研究	Modeling, Control and Diagnosis Based on Big Data	王根平
K-09	3644	基于高维时间序列的LightGBM水泥熟料f-CaO预测	Modeling, Control and Diagnosis Based on Big Data	张志鹏,郝晓宸,杨跃,徐清泉,杨旭年
K-10	3663	RUL Prediction for Lithium-ion Batteries Using Combination Forecasting based on SVR and LSTM	Modeling, Control and Diagnosis Based on Big Data	Jingwei Hu,Yu Lu,Bing Lin
K-11	3685	Multi-compensated spatiotemporal modeling for polymer flooding distributed parameter system	Modeling, Control and Diagnosis Based on Big Data	Zhe Liu,Shurong Li,Kai Zhao
K-12	3687	Research on Prediction Method of Rolling Force for High Strength Steel in Tandem Cold Rolling Mill	Modeling, Control and Diagnosis Based on Big Data	Xiaomin Zhou,Luoping Wang,Quwei Fan,Shuai Liu
K-13	3705	Naive Bayesian Classification Based Performance Assessment of Cascade Control System	Modeling, Control and Diagnosis Based on Big Data	Jinggao Sun,Jialin Chen,Bing Song,Guanghao Su,Chenyang Zhang
K-14	3728	Apply of Multi-scale Model Method Based on Wavelet Transform	Modeling, Control and Diagnosis Based on Big Data	刘继伟,胡双喜,陈长喜,杜石雷

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展板编号	paper-id	paperTitle	topic	authorName
A-01	3748	污水处理过程溶解氧和硝态氮浓度的子空间辨识建模	Modeling, Control and Diagnosis Based on Big Data	张帅,吴延林,周平
A-02	3803	Sintering Condition Recognition of Rotary Kiln Based on Multivariable Time Series Data with Long-t	Modeling, Control and Diagnosis Based on Big Data	Dingxiang Wang,Xiaogang Zhang,Hua Chen,Leyuan Wu , Yu Jiang,Mingyang Lv
A-03	3808	Robust Flame Video-based Sintering Condition Recognition Method Based on Fractal Theory	Modeling, Control and Diagnosis Based on Big Data	Yu Jiang
A-04	3818	AQI等级预测模型的特征离散化方法及信息损失补偿	Modeling, Control and Diagnosis Based on Big Data	王炜智,王彬,李哲辉,王杰红
A-05	3891	Prediction of NOx emissions based on CSO-RBF Neural Network for Municipal Solid Waste Incinerat	Modeling, Control and Diagnosis Based on Big Data	Jiang-Long Zhou
A-06	3994	Power System Transient Stability Evaluation Based on Multilayer Perceptron Neural Network	Modeling, Control and Diagnosis Based on Big Data	Hongxia Zhang,Siyuan Shen,Yu Shen
A-07	4108	Soft sensor development using novel multi-activation functions based ensemble echo state network	Modeling, Control and Diagnosis Based on Big Data	Yan-Lin He,Yan-Ming Pan,Yuan Xu , Qun-Xiong Zhu
A-08	4137	Research on fault identification based on chip manufacturing in semiconductor industry	Modeling, Control and Diagnosis Based on Big Data	Jianhong YE
A-09	4229	Research on predictive maintenance technology of spot-welding system in automotive manufacturin	Modeling, Control and Diagnosis Based on Big Data	Guo Dongdong,Du Wenbo
A-10	4239	A Parallel Association Rule Mining Algorithm Based on Spark and its application	Modeling, Control and Diagnosis Based on Big Data	Mingjie Lu,Jinxing Lin,Yongyao Zhao
A-11	4276	Modeling and Control Design of Quadrotor UAVs Using Symbolic Regression	Modeling, Control and Diagnosis Based on Big Data	Wei Fang,Zhiyong Chen
A-12	4287	Remaining Useful Life Prediction via Multi-Neural Network Integration	Modeling, Control and Diagnosis Based on Big Data	余志文,黄浩,汤辉,吴迪,鲍远义
A-13	4293	基于迁移学习的污水处理过程故障检测方法	Modeling, Control and Diagnosis Based on Big Data	姜午信,周平,荣健
A-14	4375	Time Series Prediction Technology Based on Frequency-Temporal Convolution Network	Modeling, Control and Diagnosis Based on Big Data	Liang Liu,Zhaoning Wang,Xiangri Lu
B-01	4380	Fault Detection Method for Blast Furnace Based on Small-sample Fault Data Generation	Modeling, Control and Diagnosis Based on Big Data	谢澍家,杨春节,高大力
B-02	4420	基于多层次开发动态潜结构的质量相关动态过程监控	Modeling, Control and Diagnosis Based on Big Data	黄晓,方彤,刘强
B-03	4425	Fault Diagnosis of Wind Turbines with A Dilated Convolution and Hybrid Attention Neural Network	Modeling, Control and Diagnosis Based on Big Data	Xue Wang,Yong Zhang,Junyang Jin,Ye Yuan
B-04	4448	A Data-Driven Train Control Model for High-Speed Trains Based on LAG-LSTM	Modeling, Control and Diagnosis Based on Big Data	Chenhe Ning,Jiateng Yin,Jing Xu,Shuai Su,Tao Tang
B-05	4456	A fusion method based on ANN to overcome the GNSS Outages for GNSSINS System	Modeling, Control and Diagnosis Based on Big Data	JiaXingSun,XuanXiao,QinZhang
B-06	4468	Suspension Performance Monitoring of Embedded Magnetic Balance based on Residual Generator	Modeling, Control and Diagnosis Based on Big Data	Xu Zhou,Tao Wen, Zhiqiang Long
B-07	4529	Data-Driven Prediction of Wind Turbine Blade Icing	Modeling, Control and Diagnosis Based on Big Data	刘良辰,管冬,王艺瑜,丁睿,王明明,楚明卓
B-08	4531	Abnormal Data Identification and Cleaning Method of Wind Turbine Based on Multi-model Fusion	Modeling, Control and Diagnosis Based on Big Data	管冬,刘良辰,王明明,楚明卓,刘思琪,姚沪丹
B-09	4574	Construction and Experimental Research on Leakage Sound Dataset of Urban Water Supply Pipeli	Modeling, Control and Diagnosis Based on Big Data	Shuangye Chen,Xin Hu,Leiheng Xu,Xueliang Xu,Weiing Gong,Shan Wu
B-10	4646	Accelerating Reinforcement Learning with Local Data Enhancement for Process Control	Modeling, Control and Diagnosis Based on Big Data	Runze Lin,Junhui Chen,Lei Xie,Hongye Su
B-11	4710	Visual speed measurement algorithm based on the features of subway platform screen door	Modeling, Control and Diagnosis Based on Big Data	Lei Liang,Bo Hu,Ruiqi Liu
B-12	4740	RootMiner: A Rapid Root Cause Location Method for KPIs with Multi-Dimensional Attributes	Modeling, Control and Diagnosis Based on Big Data	Yaxing Li,Yuangqing Xia,Yufeng Zhan,Runze Gao,Chuge Wu
B-13	4756	A Multi-concurrent Fault Diagnosis Scheme for the Parallel Shaft Gearbox Based on Resnet Neural	Modeling, Control and Diagnosis Based on Big Data	Zhichen He,Ying Yang,Dingguo Liang
B-14	4845	Unsupervised feature selection based on robust self-representative dictionary pair learning with ap	Modeling, Control and Diagnosis Based on Big Data	Ziqiang Deng,Xiaofang Chen,Shiwen Xie,Yongfang Xie,Jue Shi
C-01	4923	火力电厂烟气脱硫塔二氧化硫吸收模型与求解	Modeling, Control and Diagnosis Based on Big Data	邹恒慧,袁祺
C-02	4947	Identification of bad measurements in power system from historical measurement data	Modeling, Control and Diagnosis Based on Big Data	Wei Chen,Bowen Hu,Yun Wang,Ge Chen,Yadong Zhou
C-03	4985	Adaptive coherent noise suppression for three-axis fluxgate sensor	Modeling, Control and Diagnosis Based on Big Data	Yunchao Ma ,Genzhai Peng,Chengdong Wang,Huan Yan,Tingyu Lei,Yong Chen
C-04	5227	Short-term Gas Load Forecast based on TCN-BIGRU	Modeling, Control and Diagnosis Based on Big Data	Dian Xu
C-05	2719	Neuroadaptive Distributed State Feedback Cooperative Control for Multiple Surface Vessels with In	Multi-Agent Formation and Coordination	Guoqing Xia,Zheda Ren,Chuang Sun,Shuo Wang
C-06	2753	Cooperative Guidance Law for Unpowered Missiles	Multi-Agent Formation and Coordination	Da Zhang,Kexin Liu
C-07	2822	Event-triggered Formation Control for Multi-agent Systems with Unknown Disturbances under Switc	Multi-Agent Formation and Coordination	Tianyu Ding,Kexin Liu
C-08	2865	Containment Coordination Control for Networked Euler-Lagrange Systems with Unknown Nonlinear	Multi-Agent Formation and Coordination	Yang Zhang,Qiangde Wang,Chunling Wei,Jaajun Zhao
C-09	3001	A formation control method of UAV Based on accelerated neural network	Multi-Agent Formation and Coordination	Weiqi Li,Zhaozi ZU ,Yifei PEI
C-10	3038	Tracking Control Of Communication Delays Multiple Euler-Lagrange Systems With Time-varying Ex	Multi-Agent Formation and Coordination	Jiajun Zhao,Qiangde Wang,Chunling Wei,Yang Zhang
C-11	3082	MicroMaps: a unified StarCraft 2 micromangement AI testbed	Multi-Agent Formation and Coordination	Jiongming Su,Baohong Liu,Shaofei Chen,Fengtao Xiang,Hongfu Liu,Jianzhai Wu
C-12	3089	Dynamic Event-Triggered Algorithm for Average Consensus of Networked Multiagent Systems	Multi-Agent Formation and Coordination	Xu Liang,Zuilang Zhang,Zhongyuan Zhao
C-13	3095	基于ROS的多智能无人车编队控制及协同跟踪	Multi-Agent Formation and Coordination	陈含笑
C-14	3105	Consensus Disturbance Rejection of Nonlinear Multi-Agent Systems Over Cooperation-Competition	Multi-Agent Formation and Coordination	Qiang Wang,Wangli He,Dayu Tan,Weimin Zhong
D-01	3148	Multi-robot Cooperative Search Method Based on Biological Heuristic Algorithm	Multi-Agent Formation and Coordination	Fan Yang,Sheng Li,Chen Chen
D-02	3222	Research on collaborative formation of heterogeneous multi-agent systems with nonlinear terms	Multi-Agent Formation and Coordination	Jimin Yu,ShouGang Wang,YouSi Wang
D-03	3244	Distributed optimal cooperative control for nonlinear multi-agent systems with input saturation and fi	Multi-Agent Formation and Coordination	Yuxin Gao,Chunsheng Liu
D-04	3300	Distributed Event-triggered Data-based output tracking control for heterogeneous Multi-agent Syste	Multi-Agent Formation and Coordination	Haozhe Li,Hongwei Wang,Shiqi Yang,Mingxiao Guo,Qin Zha,Jia Wang
D-05	3309	Distributed Event-Triggered Impulsive Consensus Control Strategy for Heterogeneous Multiagent S	Multi-Agent Formation and Coordination	徐钰宸,姚分喜,柴森春
D-06	3324	Event-Triggered Consensus of Second-Order Multi-Agent Systems with Prescribed Performance	Multi-Agent Formation and Coordination	Yahui Hou,Wenfeng Hu
D-07	3363	Network Topologies of Multi-agent Systems: An Overview	Multi-Agent Formation and Coordination	Meng Zhao,Yungang Liu,Le Zhao
D-08	3368	Multi agent consensus control based on improved sliding mode controller	Multi-Agent Formation and Coordination	Chen Chen,Li Sheng,Yang Fang, Chen Shu,Lu Siqi,Xu Wenze
D-09	3370	Research of Influence Diffusion Based on Multi-agent Theory in Social Networks	Multi-Agent Formation and Coordination	Shan Liu
D-10	3397	On positive edge consensus control of descriptor multiagent systems	Multi-Agent Formation and Coordination	Xiaohua Wang,Xiangyu Hu,Zhonghua Miao,Yuchen Qian,Chuangxin He
D-11	3448	Event-triggered distributed consensus control for a class of uncertain nonlinear multi-agent systems	Multi-Agent Formation and Coordination	李志杰,华长征,李涛,李嘉俊
D-12	3453	基于MADDPG-GA的无人机群追踪围捕算法	Multi-Agent Formation and Coordination	杨川力,宁宇,陈炳才
D-13	3468	A Fast Optimization Algorithm of Communication Topology for Two-dimensional Persistent Formati	Multi-Agent Formation and Coordination	Guoqiang Wang,Ping Wu,Xiaoduo Li,Xin Cao,He Luo
D-14	3491	PDE-based Multi-agent Deployment in 3-D Space via Bilateral Boundary control	Multi-Agent Formation and Coordination	Yanmei Chen,Jie Qi,Liu Yang
E-01	3512	Solving a Multi-robot Search Problem with Bionic Sarsa Algorithm and Artificial Potential Field	Multi-Agent Formation and Coordination	Haichai Liu,Zhenshen Qu,Runwen Zhu
E-02	3536	Multi-target Rotating Encirclement Formations of Second-order Multi-agent Systems with Commu	Multi-Agent Formation and Coordination	Yong Zhong,Shaoyan Guo,Yangjun Lin
E-03	3544	Exponential Bipartite Consensus of Linear Fractional-Order Multiagent Systems With Signed Direct	Multi-Agent Formation and Coordination	Ping Gong
E-04	3555	Distributed Optimization for Economic Dispatch Over Time-Varying Directed Networks With Row-Su	Multi-Agent Formation and Coordination	DuqiaoZhao,Ding Liu,Mingyang Yao,Linxiong Liu
E-05	3580	工程设计众包任务分配方法	Multi-Agent Formation and Coordination	甘若麟,王红卫
E-06	3599	Distributed Model Predictive Control of Heterogeneous Vehicle Platoons with Guaranteed String St	Multi-Agent Formation and Coordination	Jingyuan Zhan,Liang Chen,Yangzhou Chen
E-07	3667	Local measurement based formation navigation of input bounded nonholonomic robots with collision	Multi-Agent Formation and Coordination	Junjie Fu,Yuezuo Lv,Guanghui Wen
E-08	3680	A fusion method for AUV collaborative location based on information gain weighting	Multi-Agent Formation and Coordination	JIAN JIE,ZHU Zhiyu
E-09	3724	Event-triggered quantized consensus of scalar linear multi-agent systems with packet losses	Multi-Agent Formation and Coordination	Na Lin,Fei Long,Qiang Ling
E-10	3745	Resilient Consensus Control for Multi-Agent Systems Against Attacks and Noises	Multi-Agent Formation and Coordination	霍仕成,郝嘉丽,张亚
E-11	3752	Event-triggered Attitude Synchronization of Multiple Rigid Body Systems with Velocity-free Measure	Multi-Agent Formation and Coordination	Xin Jin,Yang Tang
E-12	3800	Fully distributed dynamic event-triggered consensus control for multi-agent systems under DoS atta	Multi-Agent Formation and Coordination	Yaxing Gong,Baoyong Zhang,Menghui Xiong
E-13	3855	A Belief Base Optimization Method with Multi Time Step for Anchor-free Cooperative Location	Multi-Agent Formation and Coordination	Xueying Wang,Yan Guo,Juliang Cao,Ruihang Yu
E-14	3931	Distributed Formation Flight for Fixed-Wing UAVs Based on Cooperative Moving Path Following und	Multi-Agent Formation and Coordination	Shi Yu
F-01	3938	A leader-follower flocking algorithm based on estimated flocking states	Multi-Agent Formation and Coordination	Song Wang,Tun Zhao,WeiQi Qian
F-02	3978	基于信息反馈的有领导者集群模型优化	Multi-Agent Formation and Coordination	汪蓁兆涵,许贝,白光皓,陶俊勇

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F-03	4054	Cooperative Differential Graphical Game Theoretic for Tracking Control of Nonlinear Multi-Agent Systems	Multi-Agent Formation and Coordination	Yanning Guo,Quan Pan,Penglin Hu
F-04	4082	Bearing-only Formation Control of Nonholonomic Agents with Unknown Dynamic Leaders	Multi-Agent Formation and Coordination	Haifan Su,Ziwen Yang,Shanying Zhu,Cailian Chen
F-05	4086	Recursive-Gradient-Based Data-Driven Consensus Control for Multiagent Systems	Multi-Agent Formation and Coordination	Jian Wang,Jiahang Lu,Xiuying Li
F-06	4123	Output Formation Control for Heterogeneous Linear Multi-Agent Systems via Node-Based Adaptive	Multi-Agent Formation and Coordination	Dongxu Li,Jie Zhang,Yingying Ren, Da-Wei Ding
F-07	4143	A Constructive Semi-global Differential Game Design Method for Multi-agent Systems under Input	Multi-Agent Formation and Coordination	Xiongjun Wu,Jialing Zhou,Yuanlong Li, Chunfang Chen,Kai Li
F-08	4159	Distributed Robust Optimization with Constraints via Monotone Operator Method	Multi-Agent Formation and Coordination	Wen Deng,Shu Liang
F-09	4188	Modeling, Simulation and Control of Close Formation Flight	Multi-Agent Formation and Coordination	Zheng Ruiping,Shi Jingping,Qu Xiaobo
F-10	4195	Consensus of first-order multi-agent systems via event-triggered impulsive control	Multi-Agent Formation and Coordination	Hao Wang
F-11	4196	Bearing-based Formation Tracking of Nonholonomic Agents in the Leader's Local Frame	Multi-Agent Formation and Coordination	Ke Lv,Ziwen Yang,Shanying Zhu,Lin Wang
F-12	4209	Impulsive Consensus of Nonlinear Multi-Agent Systems with Hybrid Delays	Multi-Agent Formation and Coordination	Kun-Peng Wang,Dong Ding,Ze Tang
F-13	4218	Adaptive Observer-based Security Formation Control for Multiple Unmanned Aerial Vehicles under	Multi-Agent Formation and Coordination	Bing Han,Ju Jiang,Teng Cao,Jicheng Liu
F-14	4269	基于Transition通信的多智能体强化学习方法 及其在群机器人队形自组织中的应用	Multi-Agent Formation and Coordination	孙尧,王然,金耀初
G-01	4277	Prescribed-time Leader-following Control of Second-order Multi-agent Systems under Event-Trigger	Multi-Agent Formation and Coordination	王淑嫒,王玉娟
G-02	4284	On Distributed Computing for Fixed Points of Multi-Agent Nonexpansive Operators	Multi-Agent Formation and Coordination	Xiuxian Li,Yiguang Hong
G-03	4297	Bearing-Based Formation Tracking Control with Prespecified Convergence Time	Multi-Agent Formation and Coordination	Li Xiang,Lu Jing,Zhao Xiong
G-04	4314	Self Organizing Cooperative Obstacle Avoidance Method for AUV Swarm	Multi-Agent Formation and Coordination	XU Bo,WANG ZhaoYang
G-05	4329	A Discontinuous Controller Design for Distributed Optimization of Uncertain Euler-Lagrange System	Multi-Agent Formation and Coordination	姜良泽,刘腾飞,秦正雁
G-06	4422	Distributed Circle Formation Control for Quadrotors Based on Multi-agent Deep Reinforcement Learning	Multi-Agent Formation and Coordination	Baowei Li,Shuai Li,Chen Wang,Jinyan Shao,Guangming Xie,Ruifeng Fan
G-07	4443	Distributed Group Formation Tracking Control for Swarm Systems Guided by Multiple Leaders with	Multi-Agent Formation and Coordination	Wang Cheng,Wang Le,Xi Jianxiang,Guo Jianfeng
G-08	4471	Synchronization of Multi-Weighted and Directed Network Under Pinning Impulsive Control	Multi-Agent Formation and Coordination	Xiaohan Hu,Xiwei Liu
G-09	4485	Fast ADMM algorithm with efficient communication for distributed optimization of multi-agent system	Multi-Agent Formation and Coordination	Shuang Cao,Xiaowei Jiang,Ming Chi,Xianhe Zhang
G-10	4487	Characterizing Bipartite Consensus on Signed Matrix-Weighted Networks via Balancing Set	Multi-Agent Formation and Coordination	Chongzhi Wang,Lulu Pan,Haibin Shao,Dewei Li,Yugeng Xi
G-11	4502	Anti-disturbance heterogeneous formation tracking control based on time-varying gain extended state	Multi-Agent Formation and Coordination	Weilai Jiang,Tingting Xi,Chenghong Zheng,Yaonan Wang
G-12	4587	NN-UDE based fractional-mixed-order consensus tracking control of uncertain heterogeneous systems	Multi-Agent Formation and Coordination	Weihao Li,Mengji Shi,Jiangfeng Yue,Boxian Lin,Kaiyu Qin
G-13	4642	Distributed Orientation Estimate of Multi-agent Systems with Measurement Noises in Switching Net	Multi-Agent Formation and Coordination	Bo Wang,Yu-Ping Tian,Zhimin Han
G-14	4686	Pigeon-inspired Formation Control for Multi-UAVs under Obstacle Environments	Multi-Agent Formation and Coordination	Tian Zhang,Xiangyin Zhang
H-01	4693	Partial synchronization and stabilization control for multi-agent systems	Multi-Agent Formation and Coordination	Yangguang Yu,Xiangke Wang,Yirui Cong,Yajing Wang,Zhihong Liu
H-02	4709	UAV Formation Control Based on Virtual Leader	Multi-Agent Formation and Coordination	Ningning Xu,Zhi Li
H-03	4751	An Interactive Three-Dimensional Motion Simulation Method for Indoor Multi-Agent	Multi-Agent Formation and Coordination	Jungting Yang,Tong Xiao,Songyi Zhang,Shitao Chen,Nanning Zheng
H-04	4781	Multi-AUV collaborative search for multiple targets in a dynamic obstacle environment	Multi-Agent Formation and Coordination	宋玉娟,庞泰来,朱大奇
H-05	4807	Multi-robot formation tracking algorithm and implementation	Multi-Agent Formation and Coordination	Zhihao Ma, Jie Qi, Yuqin Dong
H-06	4815	基于迁移强化学习的多智能体系统协同编队避障与防撞控制	Multi-Agent Formation and Coordination	胡鹏林,潘泉,魏胜帅,马骏,郭亚宁
H-07	4839	虚拟结构法和领航跟腿法相结合的无人机协同编队算法研究	Multi-Agent Formation and Coordination	陈佳
H-08	4862	Adaptive Cruise Control of Virtual Coupled High-Speed Trains	Multi-Agent Formation and Coordination	Wang Di,Cao Yuan,Su Shuai
H-09	4869	Trajectory Selection Optimization for Behavior-based Aerial-Ground Robots Heterogeneous System	Multi-Agent Formation and Coordination	Jianfei Chen,Yutao Chen,Zihang Liu,Jie Huang
H-10	4937	Discrete-time heterogeneous multi-agent system formation control with high-fidelity simulation	Multi-Agent Formation and Coordination	Wenzong Ma,Liang Han,Xiwang Dong,Qingdong Li,Zhang Ren
H-11	4975	Persistent Execution of Continuous Time Multi-Robot Pathfinding	Multi-Agent Formation and Coordination	Jie Wang,Tao Wu,Meiping Shi
H-12	4981	RBOA Algorithm Based on Region Segmentation and Point Update	Multi-Agent Formation and Coordination	Changjian Wang,Xiaoming Zhang,Hang Liu,Hang Wu
H-13	4984	Observer based Control for Load Transportation System Using Multiple Quadrotors	Multi-Agent Formation and Coordination	Zhuoran Li,Liang Han
H-14	4999	Time-varying output formation tracking of heterogeneous linear multi-agent systems under sensor	Multi-Agent Formation and Coordination	Hui Cao,Liang Han
J-01	5007	Finite-time Circle Formation Control with Collision Avoidance	Multi-Agent Formation and Coordination	Chen Wang,Shuai Li,Ruifeng Fan,Jinan Sun,Guangming Xie,Jinyan Shao
J-02	5009	Collision-free Circle Formation Control for Mobile Robots with Velocity Constraints	Multi-Agent Formation and Coordination	Chen Wang,Shuai Li,Ruifeng Fan,Jinan Sun,Guangming Xie,Jinyan Shao
J-03	5022	UAV Swarm Exploration With Byzantine Fault Tolerance	Multi-Agent Formation and Coordination	Zhentang Liao,Zhiyan Dong
J-04	5043	Deep Reinforcement Learning Based Multiple Omnidirectional Mobile Robots Control	Multi-Agent Formation and Coordination	Haoyu Tian,Yangqi Lu,Ouyang Zhang,Guanghui Sun,Chenqwei Wu,Weiran Yao
J-05	5045	Event-Triggered Formation Control for General Linear Discrete-Time Multi-Agent Systems with Obs	Multi-Agent Formation and Coordination	Ziwei Yan,Qingke Tan,Xiaoduo Li,Liang Han
J-06	5100	Autonomous Aerial Refueling of Multiple UAVs: An Efficient Rendezvous Scheduling Approach	Multi-Agent Formation and Coordination	刘浩,全权
J-07	5117	Event-Triggered Consensus on Matrix-weighted Networks	Multi-Agent Formation and Coordination	Lulu Pan,Chongzhi Wang,Haibin Shao,Dewei Li,Yugeng Xi
J-08	5135	Consensus-based Formation Control of Heterogeneous Linear Multi-agent Systems	Multi-Agent Formation and Coordination	Yangzhou Chen,Ronglin Zong,Jingyuan Zhan
J-09	5140	基于混合算法的智能停车系统设计	Multi-Agent Formation and Coordination	孙晨曦,胡立夫,史小龙,尤妹媛
J-10	5159	A flocking algorithm of multi-agent systems to form an α -lattice with informed agents	Multi-Agent Formation and Coordination	Zetian Sun,Bowen Xu
J-11	5178	Mission Arrangement Optimization with Improved PSO for Multiple Plant Protection UAVs in Heterog	Multi-Agent Formation and Coordination	Yang Li,Xiaojun Long,Xinghua Liu
J-12	5181	Novel Adaptive Dynamic Event-Triggered Bipartite Consensus Protocols with Intermittent Update	Multi-Agent Formation and Coordination	Bin Cheng,Yuezuo Lv,Zhongkui Li
J-13	5188	A Reduced-Order Protocol for Bipartite Consensus of Linear Multi-Agent Systems	Multi-Agent Formation and Coordination	Zichen Li,Xianwei Li
J-14	5189	Distributed Formation Control of Multiple Mobile Robots: An Adaptive Event-triggered Approach	Multi-Agent Formation and Coordination	Chao Ma,Liziyi Hao,Zhichao Yan,Wei Wu
K-01	5254	Research on Multi-UAV Cooperative Defense Method with Support Mechanism	Multi-Agent Formation and Coordination	Hao Li,Jun Tang,Gang Liu,Qingtao Pan,Xi Chen,Songyang Lao
K-02	5290	MAQD: Cooperative Multi-Agent Reinforcement Learning Q-value Decomposition in Actor-Critic Fra	Multi-Agent Formation and Coordination	Qijie Zou,Yajun Jiang,Wenxue Li,Bing Gao,Dan Li,Mingyan He
K-03	5356	The distributed localization and circumnavigation of multiple targets based on bearing-only measure	Multi-Agent Formation and Coordination	Yingjing Shi
K-04	5373	Collision avoidance in the singular Cucker-Smale model with reaction delays	Multi-Agent Formation and Coordination	Xiuxia Yin,Qingcao Zhang
K-05	2835	Adaptive Control Based on ETM for Nonlinear CPSs under DoS Attacks	Network Cluster and Networked Control	Wei Zhang,Jing Li
K-06	3141	A Multi-Convolutional Neural Network Approach to Predicting Network Connectedness Robustness	Network Cluster and Networked Control	Ruizi Wu,Junli Li,Zhuoran Yu,Sheng Li
K-07	3147	Non-fragile dissipative state estimation for delayed Markov jump system via event-triggered strateg	Network Cluster and Networked Control	Weifeng Xia,Minjie Lu,Yongmin Li,Huiyin Chen
K-08	3185	"虚假信息传播"主要文献回顾及展望——基于Citespace软件的可视化分析	Network Cluster and Networked Control	李博文
K-09	3314	基于区块链共识的网络化控制系统安全传输框架	Network Cluster and Networked Control	肖辉,胡文文,刘国平
K-10	3369	A Central Framework of Polar Opinion Dynamics Based on Influence Maximization	Network Cluster and Networked Control	Shan Liu
K-11	3435	Event-triggered Control of Teleoperation Systems with Time-varying Delays	Network Cluster and Networked Control	Chenxi Li,Yuling Li,Jie Dong,Haijuan Wang
K-12	3541	Distributed Nash Equilibrium Seeking of Multi-Cluster Game Under Directed Switching Communica	Network Cluster and Networked Control	fuxi Niu,xiaohong Nian
K-13	3587	Stabilization of Networked Systems with False Data Injection Attacks and Packet Dropouts	Network Cluster and Networked Control	Kai Chen, Zhipei Hu
K-14	3602	Public Opinion Evolution Based on the Flocking Algorithm	Network Cluster and Networked Control	Shan Liu
L-01	3870	Robustness analysis of scale-free networks against cascading failures with tunable redistribution lo	Network Cluster and Networked Control	Lei Wen, Ma Shan, Ma Junfeng
L-02	3889	公交城际高铁多车模型的建立与验证	Network Cluster and Networked Control	亢佳俊,代学武,崔东亮,赵辉
L-03	3919	Synchronization of Multi-Weighted and Directed Complex Networks With Intermittent Control	Network Cluster and Networked Control	Yunxiang Xia,Xiwei Liu
L-04	3940	Distributed Nonlinear Estimation	Network Cluster and Networked Control	Min Meng,Xiuxian Li,Qianyao Wang
L-05	3942	随机网络化控制系统的事件触发脉冲控制	Network Cluster and Networked Control	胡增辉,滕小武
L-06	3947	Event-triggered Communication for Nash Equilibrium Seeking	Network Cluster and Networked Control	Rui Yu,Min Meng,Li Li
L-07	4112	Digital Estimation of Three-tank System over Networks with Packets Loss based on TrueTime	Network Cluster and Networked Control	Qingfeng Wang
L-08	4281	Load Frequency Control for Multi-area Power Systems under Multi-rate Sampling Mechanism and C	Network Cluster and Networked Control	Hongpeng Li,Xiaobo Chi,Xinchun Jia,Ling Zhang

L-09	4403	Compressed Gradient Tracking Methods for Decentralized Optimization with Linear Convergence	Network Cluster and Networked Control	Yiwei Liao,Zhuorui Li,Kun Huang,Shi Pu
L-10	4406	Research on the Optimization of the Urban Railway Network Operation	Network Cluster and Networked Control	Fang Cao,Chaozhong Song
L-11	4414	Improving the Transient Times for Distributed Stochastic Gradient Methods	Network Cluster and Networked Control	黄理, 濮实
L-12	4516	具有执行器故障网络化系统的主动容错预测控制	Network Cluster and Networked Control	夏成刚,李刚,庞中华
L-13	4552	Distributed Scalable Design of Local Controllers for a class of Nonlinear Networked Systems	Network Cluster and Networked Control	Guangrui Zhang,Tai Cheng Yang,Wenshuai Gao
L-14	4730	Finite and infinite clusters mean field control problems via graphon theory	Network Cluster and Networked Control	Yong Liang,Bing-Chang Wang,Huanshui Zhang

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A-01	4794	Robustness of Systems with Undirected Graph Under Jamming Attack: A Game-theoretic Approach	Network Cluster and Networked Control	Hu Xinchao,Wang jinzhi
A-02	5081	网络化控制系统隐蔽数据注入攻击的检测	Network Cluster and Networked Control	付媛,庞中华,范蓝志
A-03	5108	Opinion Dynamics of the DeGroot Model with Rebels and Advertising	Network Cluster and Networked Control	Meng-Hang Yang ,Jing-Wen Yi,Li Chai
A-04	5155	Stabilization of Networked Systems with Asynchronous Sensors and Controllers: the Random Clock	Network Cluster and Networked Control	Yongkang Su,Zhipei Hu,An-Min Zou
A-05	5156	Event-triggered H _∞ filtering for a class of singular systems with transmission delay	Network Cluster and Networked Control	Susu Shi,Jinxing Lin,Zhi-E Lou
A-06	5195	Cluster Consensus of Multi-Agent Systems With Switching Topology Under Event-Triggered Strategy	Network Cluster and Networked Control	Yanping Yang,Shenrong Li
A-07	5369	Performance Analysis of SIMO Networked Control Systems With Quantization and Packet Dropout	Network Cluster and Networked Control	Lingli Cheng,Huaicheng Yan,Xisheng Zhan,Chen Yuan
A-08	2661	A Novel Active Power Regulation Strategy based on SMC-consensus algorithm for Islanded Microgrid	New Energy Control and Green Manufacturing Technology	Bo Zhang,Chunxia Dou,Ju H. Park,Yu Shao,Chongbo Sun,Tao Wang
A-09	2673	Distributed Finite-Time Secondary Control of DC Microgrids Based on Virtual Capacitance	New Energy Control and Green Manufacturing Technology	Pan Huan ,Zhang Lei ,Ta Wanyin
A-10	2685	IoT Technology Application in Smart Energy Meter System	New Energy Control and Green Manufacturing Technology	Xin-hong Yan,Lei Zheng,Ping Ren
A-11	2756	The application of frequency and voltage compensation modules to improve the robustness of microgrid	New Energy Control and Green Manufacturing Technology	Xiaoyao Yin,Peihao Yang,Zhe Jing
A-12	3049	Research on improving photovoltaic fault voltage support capability using virtual impedance	New Energy Control and Green Manufacturing Technology	Jiaxin Huo,Weiran Fu,Peihao Yang
A-13	3103	Technical Study and Engineering Practice of New Energy Ships on Electrification Technology	New Energy Control and Green Manufacturing Technology	Ma HaoLi
A-14	3260	New Single-Phase High-Frequency Isolated Π -Z-Source AC-AC Converter	New Energy Control and Green Manufacturing Technology	Fang Xupeng,Wang Xu,Zang Ying,Li Xinyuan
B-01	3280	Research on key parameters of the ejector geometry in Solid Oxygen Fuel Cell system	New Energy Control and Green Manufacturing Technology	Zhuochen Ping,Zichun Xu,Lei Wang,Xinli Wang
B-02	3313	PI double closed-loop single-phase inverter control technology based on rotating coordinate system	New Energy Control and Green Manufacturing Technology	YONG JIE Zeng,ZHI GUO Zhang,YANG Xu
B-03	3402	Research on Modeling and Optimal Design of Park Multi-energy System	New Energy Control and Green Manufacturing Technology	Cheng Yan,Shi Yan,Sun Shumin,Xing Jiawei,Guo Yongchao,Yu Peng,Li Xueliang,Wang Shibai,Li Yong,Wang Yue
B-04	3458	Planning and Design Method of Integrated Energy Station in Complex Terrain	New Energy Control and Green Manufacturing Technology	Junru Yang,Bo Sun,Lizhi Zhang,Yongchao Hou
B-05	3472	A Novel High Gain Magnetically Coupled Impedance Source Inverter With Coupled Inductor Voltage	New Energy Control and Green Manufacturing Technology	Fang Xupeng,Zang Ying,Wang Xu
B-06	3493	Application of Wavelet Modulation in Two-QuasiY Source Three-level Inverter	New Energy Control and Green Manufacturing Technology	Fang Xupeng,Wang Pu,Lu Ying
B-07	3495	Quasi-Z source H6 photovoltaic inverter	New Energy Control and Green Manufacturing Technology	Fang Xupeng,Lu Ying, Wang Pu
B-08	3596	Improved hybrid genetic algorithm for location and volume determination of distributed power supply	New Energy Control and Green Manufacturing Technology	Wu na,Youhua Hu,Shuxian Fan,Zhenren Song
B-09	3638	Distributed Optimal Dispatching of Multi-Agent Integrated Energy System Based on ADMM with Dynamic	New Energy Control and Green Manufacturing Technology	Chao Jiang,Ke Li,Jianfei Chen,Haiyang Wang,Yi Yan,Chenghui Zhang
B-10	3695	Review on Hybrid Power System of Hydrogen Fuel Cell Passenger Vehicles	New Energy Control and Green Manufacturing Technology	Zhou Mengting,Jiang Wei
B-11	3761	Improved stepwise inertial control for wind turbines considering frequency response of synchronous	New Energy Control and Green Manufacturing Technology	方寿,陈献宇,殷明慧,周连俊,邹云
B-12	3849	Scenario Analysis of Wind Power Considering Sequential Randomness and Correlation	New Energy Control and Green Manufacturing Technology	Fan Yang,Ke Li,Lupan Wang,Haiyang Wang,Yi Yan,Chenghui Zhang,Naxin Cui
B-13	3877	Research on Photovoltaic MPPT Algorithm Based on Wolf Pack Algorithm	New Energy Control and Green Manufacturing Technology	Yaopeng Huang ,Honghua Wang ,Guanmin Cao ,Tianhang Lu,Chengliang Wang,Hao Li
B-14	3878	Research on Single-stage Photovoltaic Grid-Connected Control Based on SSA Optimized LADRC	New Energy Control and Green Manufacturing Technology	Guanmin Cao ,Honghua Wang,Yaopeng Huang,Tianhang Lu,Chengliang Wang,Hao Li
C-01	3905	Modeling and temperature control of a distributed solar trough field	New Energy Control and Green Manufacturing Technology	Yuhui Song,Yiguo Li
C-02	3926	Research on BPNN-Based SVM-DTC for Direct Drive PMSG Wind Turbine	New Energy Control and Green Manufacturing Technology	Yurong Tian,Bin Cai,Yuhan Liu
C-03	3932	A state-of-charge uniformity control method for energy storage battery based on distributed cooperation	New Energy Control and Green Manufacturing Technology	Shipeng Li,Yunlong Shang,Bin Duan,Guicheng Chen,Qi Zhang, Chenghui Zhang
C-04	4036	Orderly Charging and Discharging Scheduling Strategy for Electric Vehicles Considering the Demand	New Energy Control and Green Manufacturing Technology	Suyu Liu,Yuepeng Chen,Zhiwen Leng,Yixin Su, Haotian Wang,Wenjie Liu
C-05	4115	Set-membership filtering based Bi-directional DC-DC converter state estimation algorithm for lithium	New Energy Control and Green Manufacturing Technology	Ziyun Wang,Xu Li,Yan Wang
C-06	4155	Finite-Time Continuous Terminal Sliding-Mode Speed Control of Micro Gas Turbine System with Model	New Energy Control and Green Manufacturing Technology	Yanjun Sun,Long Xu,Ning Chen,Shihua Li
C-07	4273	An improved DE algorithm for parameters identification of PEMFC	New Energy Control and Green Manufacturing Technology	Junfeng Zhou,Yubo Zhang,Shile Yang,Wei Feng,Yanhui Zhang
C-08	4279	Research and Application of Safety Management in the Construction of Offshore Wind Farms	New Energy Control and Green Manufacturing Technology	Niu Chenhui,Shao Rui,Li Yan,Chi Yongning,Yu Xiaoping,Li Dongqi
C-09	4347	Repeated Game Trade Interaction Strategy of Regional Integrated Energy System	New Energy Control and Green Manufacturing Technology	Shuwen Li,Ke Li,Haiyang Wang,Jianfei Chen,Yi Yan,Chenghui Zhang
C-10	4351	Comparison of long-term load forecasting methods for air conditioning system of a large building	New Energy Control and Green Manufacturing Technology	胡添福
C-11	4418	考虑风电不确定性的风电储能能源系统鲁棒优化调度研究	New Energy Control and Green Manufacturing Technology	赵然,杨建,宋冬然,孟维琦,常青,王力
C-12	4432	Identification of PMSM Parameters Based on Differential Evolution Algorithm with Multiple Evolution	New Energy Control and Green Manufacturing Technology	Kinlon Lam,Guodong Feng,Yu Han
C-13	4525	燃料电池空气流量数据驱动无模型自适应高阶滑模控制器设计	New Energy Control and Green Manufacturing Technology	张冲
C-14	4530	Generating Waste Heat Energy from CPU Based on Thermoelectric Power Generator	New Energy Control and Green Manufacturing Technology	Kun Qian,Yeyun Cai,Kun Xu,Fang Deng
D-01	4541	Active Equalization Control System and Design of Lithium Battery	New Energy Control and Green Manufacturing Technology	Bo Zhang,Dairong Hu,Guangxu Zhou,Hao Wang,Jian Xiang,Yunhai Zhu
D-02	4548	Distributed Short-Term Load Forecasting for Interconnecting Power Systems	New Energy Control and Green Manufacturing Technology	曹耀南,李德伟,唐裕庚
D-03	4560	基于激光雷达测风信息的叶轮面等效风速预测	New Energy Control and Green Manufacturing Technology	常青,宋冬然,蒋珊珊,董密,杨建,赵燃
D-04	4566	A Multi-loop Control Strategy for 5 kW Solid Oxide Fuel Cell Hybrid System	New Energy Control and Green Manufacturing Technology	Lin Zhang,Hongtu Xie,Feng Wang,Chao Xie,Runhua Liu,Wenhui Tang,WeiBin Zhou,Guoqian Wang
D-05	4584	Continuous twisting damping Control of DFIG-Based Wind Farm to Improve Interarea Oscillation	New Energy Control and Green Manufacturing Technology	Cuigi Du,Yaozhen Han,Shuzhen Li
D-06	4645	An Adaptive Backstepping Sliding Mode Control Strategy for Single-phase Grid-Connected Inverter	New Energy Control and Green Manufacturing Technology	Guorong Xu,Qingfang Teng,Xuewei Zheng,Xiping Ma
D-07	4647	Design and Analysis of Improved Bearingless Switched Reluctance Motor for Flywheel Energy Storage	New Energy Control and Green Manufacturing Technology	Wei Qi,Yongyun Mu,Huijun Wang,Guangxu Zhou,Jianhui Ma,Hongzhang Lv
D-08	4650	Design of Switched Reluctance Generator Control System for Flywheel Energy Storage	New Energy Control and Green Manufacturing Technology	Wei Qi,Yongyun Mu,Guangxu Zhou,Jianhui Ma,Kaijie Feng,Jingde Wang
D-09	4663	Multi-Parameter Decoupled Estimation for PMSM using Adaptive-Genetic-Algorithm	New Energy Control and Green Manufacturing Technology	Zhuoxuan Yin,Guodong Feng,Yuting Lu
D-10	4666	Application and Prospect Analysis of Vanadium Battery Technology in Photovoltaic Power Generation	New Energy Control and Green Manufacturing Technology	Jiang Siyu,Wang Bin,Yu Longhai
D-11	4673	Photovoltaic multi peak MPPT control based on Improved Particle Swarm Optimization	New Energy Control and Green Manufacturing Technology	Cheng Peng,Ren Weihong,Liang Chunhui
D-12	4732	Battery management system based on Freescale chip	New Energy Control and Green Manufacturing Technology	Lin Su,Dairong Hu,Guangxu Zhou,Guofang Jia,Yunhai Zhu
D-13	4775	Optimal Sizing of Microgrid Based on Typical Monthly Data	New Energy Control and Green Manufacturing Technology	Xiaowen Li,Qiang Wang,Ruyi Zhang,Zhiyuan Qi
D-14	4803	Optimal Scheduling for Hydrogen-electric Hybrid Microgrid with Vehicle to Grid Technology	New Energy Control and Green Manufacturing Technology	Ruyi Zhang,Xiaowen Li,Xu Wang,Qiang Wang,Zhiyuan Qi
E-01	4889	基于改进NSGA-II算法的混合动力车辆模糊能量管理系统	New Energy Control and Green Manufacturing Technology	陶吉利
E-02	4909	Optimized Power Dispatch for Regional Fatigue Balancing in Offshore Wind Farms	New Energy Control and Green Manufacturing Technology	Kunwei Lin,Xiao-Yu Tang,Wenbo Zhao,Zhangwei Ling
E-03	5013	Data-Driven Deep Reinforcement Learning Control: Application to New Energy Aircraft PMSM	New Energy Control and Green Manufacturing Technology	Xin Li,Yiwen Qi,Tianan Zhao, Yuanqiang Liu, Lei Zhang,Hai Xu,Wenke Yu,Xiujuan Zhao,Chi Zhang
E-04	5083	基于ProdSI的可持续制造车间层调度指标体系	New Energy Control and Green Manufacturing Technology	张鹏,王俊鹏,卢弘,乔非
E-05	5088	Analysis of the influence of SOFC degradation on system State and performance	New Energy Control and Green Manufacturing Technology	Hongchuan Qin,Jianhua Jiang,Zhe Cheng,Bingtao Zhang,Renjie Zhou,Jian Li
E-06	5105	Optimal design of agricultural park considering carbon emission	New Energy Control and Green Manufacturing Technology	Hui Li,Haishan Yuan,Jun Wang,Yun Ye,Youqiang Chen
E-07	5149	Passivity-based One-cycle Control of Swiss Rectifier in Electric Vehicle Battery Chargers	New Energy Control and Green Manufacturing Technology	Xin Li,Yan Li
E-08	5153	Study on Technology of Wind Power Frequency Regulation Capability Improvement	New Energy Control and Green Manufacturing Technology	Zhankui Zhang,Miao Zhu,Yongning Chi,Yan Li,Zhenhua Xu,Shuli Wen
E-09	5186	Simulation on Power Control for Wave Power Generation System	New Energy Control and Green Manufacturing Technology	刘旭,陈震,黎明
E-10	5206	Zero energy building design and analysis of economy and environmental protection	New Energy Control and Green Manufacturing Technology	Yiliang Wang, Yao Tang,Dan Guo,Chenglin Liu,Jiaming Fan
E-11	5361	Research on Semi-physical Closed Loop Simulation Platform Based on Wind Power Converter	New Energy Control and Green Manufacturing Technology	Huiyu Zhang,Yan Li
E-12	3134	Research on Project Management Mechanism Applying Block Chain Advanced Smart Contract	Parallel Control and Management of Complex Systems	Miao Li,Jing Wang,Yuan Zhuang
E-13	3264	A Study on Decentralized Autonomous Organizations Based Intelligent Transportation System enable	Parallel Control and Management of Complex Systems	JiaChen Hou,WenWen Ding,Xiaolong Liang,FengHua Zhu,Yong Yuan,FeiYue Wang
E-14	3450	Data-Based Online Optimal Control for Multi-player Nonlinear Non-zero-Sum Games Using Recursi	Parallel Control and Management of Complex Systems	Guofu Yang,Ruizhuo Song,Qinglai Wei
F-01	3792	Analysis of the real-time dynamic data-driven simulation system	Parallel Control and Management of Complex Systems	Ke Liu
F-02	3837	Research of Simulation Test Based on Parallel High-speed Train Systems	Parallel Control and Management of Complex Systems	Sheng Dong,Fenghua Zhu,Yuan Cheng,Yisheng Lv,Jun Liu,Guang Xiong

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F-03	3863	Parallel Building Process Management System	Parallel Control and Management of Complex Systems	Sheng Liu,Xisong Dong,Gang Xiong,Zhen Shen, Bin Hu,Xiaoyu Chen
F-04	3885	Design of AGC Simulation Platform for Hot Strip Finishing Mills Based on Parallel Control Theory	Parallel Control and Management of Complex Systems	WAN Chunqiu,WANG Lijun,LI Xisheng,XU Yinmei
F-05	4135	改进的移动机器人随路地图采样算法	Parallel Control and Management of Complex Systems	孙昊晨,丁三波
F-06	4136	Exponential Stabilization of Delayed Discrete-time Linear System via a Hybrid Impulsive Control	Parallel Control and Management of Complex Systems	Mengxin Sun,Sanbo Ding
F-07	4222	Development of a novel type operator training simulator framework for air separation process	Parallel Control and Management of Complex Systems	Guanghui Yang
F-08	4335	Unmanned Surface Vehicles Path Tracking Control Based on Second-Order Wave Drift Force Model	Parallel Control and Management of Complex Systems	Xiaojian Wang,Fei Teng,Qihe Shan,Tieshan Li,Yiping Meng
F-09	4426	State Estimation for Cyber-Seaport Microgrid under False Data Injection Attacks	Parallel Control and Management of Complex Systems	Fuzhi Wang,Fei Teng,Tiankai Yang,Feifei Yu,Qihe Shan
F-10	4640	Development of GPU Enhanced AI Education Platforms for K-12 Schools	Parallel Control and Management of Complex Systems	Xiaoyan Gong,Yifan,Wen,Xiwei,Liu,Hongxia,Zhao,sifeng,jing,Qiang,Li,Kai,Gao,Jilong,Luo
F-11	4777	Cyber-physical security analysis of smart inverters under the pricing attacks	Parallel Control and Management of Complex Systems	Zhen Zhu,Yongxin Hu,Geyang Xiao,Boyang Zhou
F-12	4945	Meal estimation based on UKF and postprandial glucose control for patients with type I diabetes	Parallel Control and Management of Complex Systems	Ruizhuo Song
F-13	4946	Train Trajectory Optimization for High-speed Railways under Constraints of Successive Trains	Parallel Control and Management of Complex Systems	Lingbin Ning,Min Zhou,Wei Wu,Zixuan Zhang,Hairong Dong
F-14	5027	Low-Cost Evaluation Based on Surrogate Model for Multidispatching Sections of High-Speed Railway	Parallel Control and Management of Complex Systems	Xinghao Wang,Dongliang Cui,Ruiguang Liu,Pengxin Yang,Peng Yue,Xuewu Dai
G-01	5251	Traffic Signal Control Using Offline Reinforcement Learning	Parallel Control and Management of Complex Systems	Xingyuan Dai,Chen Zhao,Xiaoshuang Li,Xiao Wang,Fei-Yue Wang
G-02	5351	Industrial Anomaly Classification Method Based on EMD Metric Loss	Parallel Control and Management of Complex Systems	Xiaoyuan Liu,Jiarui Liu,Jinhai Liu,Xiangkai Shen,Baojin Zhang
G-03	5352	Continuous-Time Linear Parallel Output Regulation	Parallel Control and Management of Complex Systems	Hongyang Li,Qinglai Wei,Fei-Yue Wang
G-04	5353	A New Constrained Cost Value Iteration for Optimal Control of Discrete-Time Nonlinear Systems	Parallel Control and Management of Complex Systems	Tao Li,Qinglai Wei
G-05	5363	Research on Intelligent Early-Warning of Power Distribution Equipment Risk based on Deep Learning	Parallel Control and Management of Complex Systems	Zhenhong Yan,Tianfeng Chu,Fang Dong,Wei Li,Yuchen Fan
G-06	5414	A Novel Visual Perception Framework for Unmanned Aerial Vehicles: Challenges and Approaches	Parallel Control and Management of Complex Systems	Xuan Li,Haibin Duan,Hong Mo,Fei-Yue Wang
G-07	3180	基于智慧路灯系统的5G微基站选址研究	Sensor Network and Data Fusion	Wenchao Li,Hanwei Liu,Rongxin Liang,Hui Xiao,Xuefeng Li
G-08	3215	Stable Grasping Control of Three-finger Manipulator based on Sliding Detection	Sensor Network and Data Fusion	Ping Luo,Meng Zhang,Congcong Cheng,Junsong Zhang
G-09	3232	Piggery Robot Monitoring System Based On Kalman Fusion Algorithm	Sensor Network and Data Fusion	李嘉豪
G-10	3291	A Topology Control Algorithm Based on Minimum Spanning Tree for Wireless Sensor Network	Sensor Network and Data Fusion	Guoqiang Wang,Haocheng Wang,Xin Cao,Xiaoduo Li,He Luo
G-11	3409	Data-Driven Distributionally Robust Consensus Kalman Filtering for Sensor Networks	Sensor Network and Data Fusion	周自毅,吴昊,张亚
G-12	3620	An Observable Degree-based Adaptive Federated Filtering for Bionic Integrated Navigation	Sensor Network and Data Fusion	Xin Lan,Qingfeng Dou,Tao Du,Jian Yang,Jianzhong Qiao
G-13	3679	Adaptive Fusional Localization for Robot Fish Based on Dynamic-weight Fuzzy Inference	Sensor Network and Data Fusion	Yuzhuo Fu,Xiaocun Liao,Ben Lu,Qianqian Zou,Zhuzhong Zhang,Yaming Ou,Chao Zhou
G-14	3704	A Robust Lidar-Inertial Localization System Based on Outlier Removal	Sensor Network and Data Fusion	Xu Wang,Dawei Ding,Wenhao Fu
H-01	3834	基于物联网的塑胶跑道VOC实时监测与预警系统	Sensor Network and Data Fusion	张修念
H-02	3859	An Improved Unified Transfer Alignment for MEMS-based SINS	Sensor Network and Data Fusion	Geng Xu,Yongxu He,Yonggang Zhang
H-03	3871	An Improved Cooperative Navigation Algorithm based on Compressive Sensing Extended Kalman	Sensor Network and Data Fusion	Jinyi Yang,Juliang Cao,Yan Guo,Shaokun Cai,Ruihang Yu
H-04	3954	A Connection Event Based Time Synchronization scheme for BSN enabled BLE nodes	Sensor Network and Data Fusion	Cong Cai,Zhichen Lai,Liang Shen,Ruining Yang,Jianxing Li,Kan Luo
H-05	4006	Analysis of Belief Propagation Based Cooperative Localization and Target Tracking Schemes	Sensor Network and Data Fusion	Yichen Li,Wenbin Yu,Lin Wang
H-06	4034	奈曼-皮尔逊准则下带单比特存储的低复杂度分布式检测	Sensor Network and Data Fusion	GUAGNAYNG ZENG,JUNFENG WU,XIAOQIANG REN
H-07	4035	Multi-Party Dynamic State Estimation that Preserves Data and Model Privacy	Sensor Network and Data Fusion	YUQING NI,JUNFENG WU,LI LI,LING SHI
H-08	4058	A System Design of High Speed Real Time Wireless Sensor Network based on Multi-Channel	Sensor Network and Data Fusion	Shi Desheng
H-09	4080	基于低频磁场的磁信标定位技术	Sensor Network and Data Fusion	李新年
H-10	4308	Diffusion generalized spline nonlinear adaptive filters under Maximum Correntropy Criterion	Sensor Network and Data Fusion	Liu Chuang,Jia Lijuan,Miao Deshui
H-11	4394	Coverage Optimization of Multi-Camera for Deformable Contour Shapes	Sensor Network and Data Fusion	Chang Li,Xi Chen,Li Chai
H-12	4538	Kalman Based Data Fusion Algorithm for High Accuracy Train Positioning	Sensor Network and Data Fusion	Li Lulu,Song Haifeng,Sun Penggu,Liu Xiaoxi,Zhou Min,Dong Hairong
H-13	4546	A Detection-Estimation Strategy for Delayed Systems under Spoofing Attack	Sensor Network and Data Fusion	石浩,何立栋
H-14	4731	The 3D localization algorithm of INS/UWB based on PF assisted by LS-SVM	Sensor Network and Data Fusion	Fukun Li,Lei Wang,Yuan Xu,Shuhui Bi,Tao Shen
J-01	4806	Diffusion Bias-Compensated Feature Sparse LMS Algorithms Over Networks	Sensor Network and Data Fusion	Ziyi Wang,Lijuan Jia
J-02	4956	Privacy-Preserving Adaptive Consensus based Cubature Kalman Filter for Distributed Sensor Netw	Sensor Network and Data Fusion	Zha Jirong,Han Liang
J-03	4987	DV-Hop Localization Algorithm based on Hop Distance Weight and Improved Particle Swarm Optim	Sensor Network and Data Fusion	Yang Ziqin,Gao Meifeng
J-04	5001	Design and development of monitoring system for water leakage of underground tunnel based on W	Sensor Network and Data Fusion	陈哲伟,张伟
J-05	5029	A Cluster Head Selection Strategy Based on Node Compactness for Dynamic Clustering in Event-D	Sensor Network and Data Fusion	Min Li,Kaiyu Wang,Ke Xu,Can Xiong
J-06	5057	基于温度调制技术的传感器冷链腐烂食物气体识别	Sensor Network and Data Fusion	张伟浩
J-07	5080	Multi-target Coverage with Connectivity Maintenance Using Improved Harmony Search Algorithm	Sensor Network and Data Fusion	Peng Lan,Lele Wang,Zhiqiang Pu,Dianwei Qian,Jianqiang Yi
J-08	5116	Track Fusion Fractional Kalman Filter	Sensor Network and Data Fusion	Lipeng Zhang,Guangming Yan,Xiaojun Sun
J-09	5193	Relationship between roadside sensor performance and the stability of mixed traffic flow under V2X	Sensor Network and Data Fusion	孙耀华,杜成,赵航,赵敏
J-10	5368	A Dynamic Event-based Estimation for Networked Multi-sensor Multi-rate Systems Under Imperfect	Sensor Network and Data Fusion	Sha Fan,Huaicheng Yan,Meng Wang,Jing Zhou,Kaibo Shi
J-11	5385	基于风能获取的传感器节点能量供给模块设计	Sensor Network and Data Fusion	唐超权,尚奎星,汤洪伟,郭帅
J-12	2826	Optimal Allocation of DGs in Distribution System for Minimum Active Power Loss using Improved F	Smart Grid Control System	Gonggui Chen,Shitao Li,Bangrui Tang
J-13	2847	A Variable Step Sizes Perturb and Observe MPPT Method in PV System based on Flyback Convert	Smart Grid Control System	Haodong Feng,Yuqing Chen,Xinye Ma
J-14	3149	A Modified Chimp Optimization Algorithm for Short-Term Hydrothermal Scheduling	Smart Grid Control System	Ying Xiao,Gonggui Chen,Shumin Wang
K-01	3231	Consensus-Based Distributed Secure Control of Hybrid Multi-Microgrids with Unreliable Commu	Smart Grid Control System	Jingang Lai
K-02	3249	一类基于分布式协调控制的线路过载校正策略	Smart Grid Control System	丁李,何桥,胡萍
K-03	3299	Composite Predictive Current Tracking Control for LCL-Filtered Grid-Connected Inverter With Switc	Smart Grid Control System	Yukun Yang,Wenshuo Li,Lei Guo
K-04	3336	Alarm deadband design based on the reliable distribution estimation of alarm deviations	Smart Grid Control System	Xuan Zhou,Jiandong Wang,Zhen Wang,Poku Gyasi
K-05	3339	An Abnormal Network Traffic Detection Method for Steam Turbine Control System based on Long S	Smart Grid Control System	Yufei Zhang,Chengchong Zhao,Yunyun Xie,Zi Sang
K-06	3421	Quantitative prediction of load demand response capabilities for air conditioning systems	Smart Grid Control System	Shanlong Qiao,Jiandong Wang,Guochao Zhang,Xiaotong Xing
K-07	3465	Dynamic event-triggered control of uncertain discrete-time networked control systems under DoS at	Smart Grid Control System	Hao Yuan,Songlin Hu,Xiaoli Chen,Xiangpeng Xie,Zihao Cheng
K-08	3475	A Selective Harmonic Extraction Method Based on Recursive Generalized Delayed Signal Superpo	Smart Grid Control System	Yong Liu,Tao Yang,Li Zeng,Hongbin Pan
K-09	3476	MMC circulating current suppression strategy based on complex resonance controller	Smart Grid Control System	Hongbin Pan,Kai Qin,Jiale Zhang,Yifan Zhao
K-10	3482	An efficient transducer for primary frequency modulation of power system	Smart Grid Control System	Qing Zhang,Qing Wang,Shangbin Jiao,Hengxuan Du,Sicheng Wen
K-11	3523	基于无监督学习的数据聚合和PyTorch模型的动电行为识别	Smart Grid Control System	高欣宇,卢立华,余翔,沈建翌
K-12	3726	直流微电网预设时间二级控制器设计	Smart Grid Control System	张宇,王燕舞,肖江文,刘晓康
K-13	3747	Exponential stabilization of nonlinear networked DC microgrid system under DoS attacks	Smart Grid Control System	Fuyi Yang,Songlin Hu,Xiaoli Chen,Xiangpeng Xie
K-14	3756	Research and Control of Active Power Factor Correction Based on Space Vector Pulse Width Modu	Smart Grid Control System	Jianxin Xu,Danhong Zhang,Yue Qi,Zhao Liu,Zixiao Li,Suyu Liu

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A-02	3806	Research on Early Warning Algorithm of Active Distribution Network Operational Risk Based on Imp	Smart Grid Control System	Ji Xiu,Li Dianwen,Tian Xin ,Hou Yiwei,Meng Xiangping
A-03	3807	Short-term Power Load Forecasting Based On VMD-GOA-LSSVR Model	Smart Grid Control System	Li Dianwen, Ji Xiu, Tian Xin
A-04	3900	分数阶广义积分器在电网同步中的应用研究	Smart Grid Control System	何宇,罗琦,郑小龙
A-05	3939	基于连续时间的二阶多智能体分布式资源分配算法	Smart Grid Control System	时侠圣,杨涛,徐磊
A-06	3969	P2P Energy Transaction for Multiple Microgrids Considering Power Flow Constraints	Smart Grid Control System	Qingqiang Huang,Xiaoting Yang,Xingwang Lu,Miao Chen,Zhuo Wang,Luhao Wang
A-07	3985	Automatic generation control of wind turbines based on pitch angle changes	Smart Grid Control System	Lin Zhang,Mengyao Wei,Min Wang,Chao Zhang
A-08	3988	Reliability evaluation method of power dispatching automation software based on Dual-process mo	Smart Grid Control System	Ruijie Chang,Wenzhuo Li,Na Zhao,Shanglai Li,Xin Ji,Ang Li
A-09	4007	A Summary of Research on Multi-faceted Optimization of Regional Integrated Energy System	Smart Grid Control System	Zhang Rui,Mu Hongyu,Yuan Baolong,Zhuang Hongrui,Wang Shoujin
A-10	4077	Study on anti-interference performance of three-phase voltage mode PWM rectifier	Smart Grid Control System	杨卫悦,李国洪,卫鹏飞,高冉
A-11	4114	Research on Wireless Location Method Based on WIFI-PDR	Smart Grid Control System	Xie Beimin,Chen Wanyi,Li Xun, Ji Xiu,Yang Huaiyuan
A-12	4280	Research on Switch Type Series Compensation of Distribution Network	Smart Grid Control System	Diao Fengxin,Li Yan
A-13	4328	Droop control strategy of isolated microgrid based on fractional order active disturbance rejection	Smart Grid Control System	Xiong Yang,Guanfei Li,Jiahao Guo
A-14	4340	Research on control of LCL grid connected inverter based on Active Disturbance Rejection Control	Smart Grid Control System	Jing Chen,Qingfang Teng
B-01	4385	Mean Field Games Based Charging Strategies for Virtual Power Plant and Plug-in Electric Vehicles	Smart Grid Control System	Runzi Lin
B-02	4393	Reliability Analysis of WTG-PV-ESS Microgrid System	Smart Grid Control System	Zhipeng Weng,Jinghua Zhou, Jin Li,Zhengdong Zhan
B-03	4413	Hierarchical Multi-Agent Deep Reinforcement Learning for Multi-Objective Dispatching in Smart Grid	Smart Grid Control System	Nan Yang,Xinhang Li,Yupeng Huang,Menghao Xiao,Zhe Wang,Xuri Song,Lei Li
B-04	4496	Incentive-based Location Privacy Preserving Electric Vehicle Charging Mechanism in Smart Grid	Smart Grid Control System	Yuhao Ma,Donghe Li,Qingyu Yang
B-05	4498	A Stackelberg Game for Relieving Peak Pressure of Power Grid Using Electric Vehicles with V2G T	Smart Grid Control System	Yushuo Zhang,Donghe Li,Qingyu Yang
B-06	4503	An Observer-Based Attack Detection Method In Cyber-Physical Power System	Smart Grid Control System	Houjun Li,Zhijun Zhang,Xiangsen Wei,Lei Xu
B-07	4514	Optimal Dispatch for Multi-microgrids: a Source-Grid-Load-Storage Collaboration Based Perspectiv	Smart Grid Control System	王明明,楚明卓,刘良辰,崔闻天,姚沪升,王艺渝
B-08	4518	Regional Integrated Energy System Day-ahead Optimal Dispatch Considering Carbon Emission	Smart Grid Control System	楚明卓,王明明,管冬,崔闻天,刘良辰,姚沪生
B-09	4520	Primary Frequency Control of Renewable Energy Based on Deep Reinforcement Learning	Smart Grid Control System	王艺渝,刘思琪,楚明卓,刘良辰,王明明,管冬
B-10	4563	A Power Load Shedding Strategy in Active Distribution Network Considering User Satisfaction	Smart Grid Control System	陈洪凯,张鹏飞,徐俊俊,彭晨,曾德良
B-11	4670	Evaluation Method of the Whole Process Safety Situation Assessment of Urban Distribution Networ	Smart Grid Control System	Dexin Li,Song Gao,Meng Yang,Jiarui Wang
B-12	4726	Distributed uncertainty set for load scheduling of a smart home with new energy system	Smart Grid Control System	Yiwei Cui,Yifan Wang,Shuai Liu
B-13	4748	Detection of False Data Injection Attack in smart grid based on iterative Kalman filter	Smart Grid Control System	Ruiqi Zhang,Qi zhang,Zhiwen Wang,Hongtao Sun
B-14	4760	Double Closed-Loop Robust Control Strategy of DC Microgrid System Based on Variable Gain Fast	Smart Grid Control System	Xuwei Zheng,Qingfang Teng,Guorong Xu,Xiping Ma
C-01	4772	An improved parallel pre-synchronization control for multiple virtual synchronous generators	Smart Grid Control System	黄松,王斌,闫堃,徐万万
C-02	4848	Research on task migration strategy based on discrete binary particle swarm optimization in edge c	Smart Grid Control System	Chen Wang,TianYu Wang,Zeng Zeng,DeCheng Yuan,Yi Heng Jiang
C-03	4860	Application Analysis of Energy Storage Technology on the Generation Side	Smart Grid Control System	Jinghua Zhou,Zhengdong Zhan,Zhipeng Weng,Jin Li
C-04	4971	Optimization strategy and stability analysis of grid-connected inverter based on PLL positive sequ	Smart Grid Control System	彭志鹏,王斌,徐万万,闫堃
C-05	5152	Distributed Robust Secondary Control Strategy for AC Microgrids With Bounded Disturbances	Smart Grid Control System	Chao Peng,Yan Li,Diaduan Zhao,Yue Sun
C-06	5177	Construction of power grid digital twin model based on GAN	Smart Grid Control System	Chengyun Li,Dongsheng Yang
C-07	5187	Finite-Time Sliding Mode Control for DC-DC Buck Converters Subject to Time-Varying Disturbance	Smart Grid Control System	Chuankai Zhang,Zuo Wang,Shihua Li
C-08	5231	Research of Active Power Filter Using Improved Backstepping Active disturbance rejection control	Smart Grid Control System	Yong Liu,Li Zeng,Hongbin Pan,Tao Yang
C-09	2677	A Distributed Parking Allocation Algorithm Considering Multiple Shared Parking Lots	Social Computing and Management of Social Systems	WANG Zhen-bang,SONG Yun-zhong
C-10	3342	评价动词—评价对象智能计算构式研究	Social Computing and Management of Social Systems	周红照,侯敏,滕永林
C-11	3707	Framework of the Tourism Comprehensive Service Platform Based on Blockchain Technology	Social Computing and Management of Social Systems	Shuai Wang,Pushan Xiao,Hongfeng Chai,XiaoJun Tu,Quan Sun,Hua Cai,Fei-Yue Wang
C-12	4234	Blockchain Consensus Algorithms: A Survey	Social Computing and Management of Social Systems	Xiaoman Li, Qinghua Zhu , Naina Qi,Jinqiu Huang,Yong Yuan,Fei-Yue Wang
C-13	4295	BIM-based optimization of passenger flow organization in urban rail transit stations during the epid	Social Computing and Management of Social Systems	Zhengyuan Xie,Xia Liu, Yazhuo Li,Xi Ye
C-14	4407	Machine learning model to predict electricity demand and thermal generation during the pandemic	Social Computing and Management of Social Systems	Ruiqi Jiang,Zhou Wu,Rui Ling
D-01	4417	Environmental Complaint Text Classification Scheme Combining Automatic Annotation and TextCN	Social Computing and Management of Social Systems	Qingwu Fan,Kai Yang,Changsheng Qiu,Zidong Wang
D-02	4497	Identifying environmental homologous complaints reports based on Siamese network	Social Computing and Management of Social Systems	WangYang Zhang,Qingwu Fan,Xudong Liu,Guang Cheng
D-03	4847	A Reputation-based Dynamic Trust Model in P2P E-commerce Environment	Social Computing and Management of Social Systems	Song Zishen,Pu Jie,jiang Lingyu,Wei Fazhuan,Wang Dong
D-04	2827	Design of sliding mode control law for seeker predetermined circuit	Spacecraft Control	ZHAO Minghan,HAN Daoda,ZHAO Guijun,PANG Aiping
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D-06	3143	Piecewise Prediction Control Design for a Class of Spin-Stabilized Projectiles in Descending Segm	Spacecraft Control	Rui Li,Qi Ouyang,Yue Cui,Yonglin Xu
D-07	3172	Trajectory reconstruction algorithm for powered landing of reusable rocket	Spacecraft Control	Zhenyu Wei,Zhijiang Shao
D-08	3265	State-based Event-triggered Trajectory Tracking Control for the Stratospheric Airship	Spacecraft Control	Xinting Luo,Haoquan Liang,Tian Chen
D-09	3310	Chebyshev neural network-based prescribed performance adaptive attitude tracking control for flexi	Spacecraft Control	Wenyu Qin,Tanghao Qin,Yueying Lv,Yanning Guo,Cheng Wang
D-10	3353	Design of Integral Sliding Mode Controller with Fuzzy Switching Gain Adjustment for Morphing Aircr	Spacecraft Control	Wu Qian,Tan Yun,Zhao Yao,Kang Rui,Xu Qian,Jiang Tongyang
D-11	3390	The Discrete Sliding Mode Control for the Hypersonic Vehicle	Spacecraft Control	Haiyan Gao,Yong Wang,WeiQiang Tang
D-12	3432	基于滑模观测器的无速率测量卫星姿态控制系统状态估计和故障重构	Spacecraft Control	柳明军,张爱华,肖冰
D-13	3437	Identification of Space Debris Mass Characteristic Parameters Based on System Dynamics Model	Spacecraft Control	LIAN Dapeng,JIN Lei
D-14	3478	Adaptive Super-Twisting Sliding Mode Control Based Hazard Avoidance Guidance for Asteroid Lan	Spacecraft Control	He Yang ,Maodeng Li,Longtao Wei,Shengying Zhu
E-01	3540	Approaching Dynamics and Control of Two Spacecraft Connected by Space Tether	Spacecraft Control	Mingyue Zheng,Binbin Zhang,Yulin Zhang
E-02	3573	Differential Game Guidance Law for 3-Party Game with Incomplete Information	Spacecraft Control	Di Zhu,Yongbin Zheng,Qiang Ren,Peng Sun
E-03	3583	Attitude Tracking Control for Hypersonic Flight Vehicles Based on Sliding Mode Observers	Spacecraft Control	Bairui Xiong,Yu Wang,Chenliang Wang,Jianzhong Qiao
E-04	3740	Electromagnetic despin mechanism design with halbach configuration and magnetic field analysis	Spacecraft Control	Zhu Haokui,Zhang Yuanwen,Huang Huan,Li Li
E-05	3773	Full Channel Attitude Control for High-speed Aircraft Based on Back-stepping Theory with Observer	Spacecraft Control	Yuan Zhang,Wanwei Huang,Jingyuan Li,Can Tian
E-06	3774	A Reusable Software Architecture for Spacecraft Control System	Spacecraft Control	张增安
E-07	3903	Predictive Sliding-Mode Control with Extended State Observer for the High-Speed Vehicles	Spacecraft Control	Can Tian,Yuan Zhang,Shaobo Ni
E-08	3981	Neighboring Optimal Control Laws Based On Radau Pseudospectral Method	Spacecraft Control	Tao Liu,Tun Zhao,Xiao Wang,Fengqi Zheng,Enmi Yong,Hou-jun Ao
E-09	3984	Adaptive Attitude Control for a Kind of Heavy-Lift Launch Vehicle Based on Super-Twisting Algorith	Spacecraft Control	Hanqiang Huang,Gonghao Sun,Di Zhang,Guan Huang,Xinpeng Xu,Bojun Zhang
E-10	3999	Design of stabilizing controllers for underactuated TORA system	Spacecraft Control	Qixuan Feng,Ancai Zhang,Ning Li
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E-13	4129	Initial Alignment Method for SINS of UAV Based on Digital Filter Pretreatment	Spacecraft Control	Wenbo Yang,Jie Xu,Shaoyuan Li,Jianjun Wang,Zhifeng Wang
E-14	4169	A Combinatorial Optimization Method for Orbital Pursuit-Evasion Game with J2 Perturbation	Spacecraft Control	Zhang Chengming,Zhu Yanwei,Yang Leping,Zeng Xin
F-01	4184	Decoupling and Fast Estimation of RCS Disturbance and Fault	Spacecraft Control	信玉璐,辛方青,王勇
F-02	4185	Detection and Mapping of an Uncooperative Spinning Target under Low-light Illumination Condition	Spacecraft Control	Jinzheng Mu, Shuqing Cao,Yan Zhou,Zongming Liu,Yanping Sheng

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F-05	4219	A self-tuning guidance method based on an onboard update of pseudospectral trajectories	Spacecraft Control	Zhaoting Li,Xiangji Tang,Hongbo Zhang
F-06	4241	Guaranteed Tracking Performance Control for A Microsatellite with Attitude and Angular Rate Const	Spacecraft Control	Zhenxin Feng,Shiwei Jia,Jianguo Guo
F-07	4291	Switching control for spacecraft body-fixed hovering to tumbling target by using second order sliding	Spacecraft Control	Kai Zhang,Zhihua Chen,Bin Li
F-08	4317	Irregular Asteroid Gravity Field Measurement Based on Visual Navigation	Spacecraft Control	Liangyong Fu,Jinchang Hu,Yiwu Liu
F-09	4389	Reentry trajectory planning and guidance method with no-fly zone constraints	Spacecraft Control	Haochen Guo,Hanbin Huang,Ye Yang
F-10	4438	Line of the Sight Cone Artificial Repulsion Force Method for Autonomous Obstacle Avoidance in Sp	Spacecraft Control	Tian-le TAN,Yu-ke ZHANG
F-11	4450	Improved simultaneous perturbation stochastic approximation controller for hypersonic vehicle	Spacecraft Control	Qing Lu,Yali Wei,Min Zhou,Ruimin Jiang
F-12	4527	Hybrid Attitude Controller Design for a Rigid Spacecraft with Angular Velocity Constraint	Spacecraft Control	Wei Xie,Peng Han,Weidong Zhang
F-13	4535	Adaptive Terminal Sliding Mode Guidance Law with Impact Angle Constraint	Spacecraft Control	Xin Yi,Ling Li,Haibin Zhao
F-14	4564	Deep Reinforcement Learning Based Trajectory Planning for Hopping on Low-Gravity Asteroid Surf	Spacecraft Control	Lv Chang,Liang Zixuan,Zhu Shengying
G-01	4620	The Research on Robustness of Traditional Input Shaper by Satellite	Spacecraft Control	Qidong Lu,Weizong Dai,Wenguo Tang,Wenting Niu,Mengxuan Wu
G-02	4683	Velocity Optimization for Multi-Climbers of the Space Elevator during Climbing	Spacecraft Control	Liu Bingli,Zhang Feng,Wang Xiaowei,Hu Dongsheng,Li Yifan
G-03	4703	Asymptotic Attitude Tracking Control for Uncertain Spacecraft With Multiple Disturbances: A Comp	Spacecraft Control	Tianyu Liu,Zhihui Wang,Chenliang Wang,Jianzhong Qiao
G-04	4711	Active Disturbance Rejection Control for Roll Angel Channel System	Spacecraft Control	Xiaohui Wang,Zhi Li
G-05	4749	Aircraft Dynamic Parameters Identification Based on Adaptive Weight Kalman Filter	Spacecraft Control	Ying Nie,Chunmei Yu,Wenyan Bai
G-06	4759	Cooperative Entry Trajectory Planning for Multiple Hypersonic Gliding Vehicles Using Convex Prog	Spacecraft Control	Huang Jikai,Yu Jianglong,Kang Wang,Li Qingdong,Shi Pengfei,Ren Zhang
G-07	4786	Sequential Convex Programming using Hybrid Trust Region Method for Reentry Trajectory Plannin	Spacecraft Control	Lei Xie,Jun Lin,Hong-Bo Zhang,Guo-Jian Tang
G-08	4800	用三阶LADRC实现PID控制	Spacecraft Control	金辉宇,荀兴林,兰维瑞
G-09	4916	折叠翼飞行器气动特性分析与纵向非线性动力学建模	Spacecraft Control	Ren Qiuping,Wen Liyan,Jiang Bin,Yang Jie
G-10	4935	Integrated Position and Attitude Stabilization of Service Spacecraft for the Detumbling of Space De	Spacecraft Control	Haipeng Chen,Feng Zhang,Xiaoding Wang,Yang Li,Ning Yan
G-11	4949	Prescribed Performance Finite-Time Attitude Tracking Control of Spinning Tether System base on B	Spacecraft Control	Chen Yi,Wang Changqing,Li Aijun,Tian HaoChang,Zhang Ying
G-12	4970	基于奇异摄动理论的弹性运载火箭控制	Spacecraft Control	汪成,樊慧津,刘磊
G-13	5024	Station-keeping of Halo Orbits using Convex Optimization-Based Receding Horizon Control	Spacecraft Control	Bin Zhang,Chao Li,Jing Zhou
G-14	5035	Research on Improved Particle Swarm Optimized Fuzzy PID Control for Quadrotor UAV	Spacecraft Control	Pengfei Wei ,Guohong Li,Weiye Yang,Ran Gao
H-01	5162	Space Target Surveillance Based on Non-linear Model Predictive Control	Spacecraft Control	Jiancheng Zhang,Yutao Chen,Jie Huang
H-02	5179	Fault-Tolerant Tracking Control for Spacecraft with Minimum-Eigenvalue	Spacecraft Control	Wenxuan Zhong,Yajie Ma,Bin Jiang,Xiaodong Han,Jianglei Gong
H-03	5208	The Control Design of Space Flying Net Robot System Based on RBF Network	Spacecraft Control	张旭,刘远贺,梁彦刚,黎亮波
H-04	5229	A Study on Reachable Domain for Aeroassisted Orbit Transfer Vehicle	Spacecraft Control	Zhang Xi,Yao Yu,He Fenghua
H-05	5232	Saturation Avoidance Control Law for Spacecraft Equipped with Redundant RWs	Spacecraft Control	Zhaoyang Cheng,Zhanghai Nie,Fangliang Qian,Lei Zhang,Dongdong Qin
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H-07	5255	Multi-Mode Autonomous Mission Planning Approach for Earth Observation Satellites	Spacecraft Control	Cong Zhang,Yunpeng Wang,Jiaying Li,Chao Zhang
H-08	5262	Agile satellite attitude sliding mode control based on CMGs	Spacecraft Control	Zhang Aidi
H-09	5274	Launch scheme and control law design of small tube launched UAV	Spacecraft Control	Yijie Gao,Haoran Yu,Jiang Wu
H-10	5358	Analysis of Dynamic Evolution and Station-Keeping of Starlink	Spacecraft Control	Su Bo,Zhou Qingrui
H-11	5406	基于激光测距的无依托瞄准技术	Spacecraft Control	范毅
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H-13	3083	Research and Application on reducing beacon reading loss rate of Metro Signal System	Special Topics Others	HU Fangtie,
H-14	4041	Target Lure Guidance in Active Aircraft Defense	Special Topics Others	Zhenya Wang,Ying Lu,Hu Huang,Junwei Xie,Changping Wang,Feng Fang
J-01	5018	Exploration of Railway Digital Twin in Construction Management	Special Topics Others	王可飞
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J-03	3074	Research on Key Technologies of HSR Intelligent Dispatching based on Cloud-Edge Collaboration	Vehicle Control and Automation	Hongtao Zhao,Wei Xu,Tao Wang,Zhendong Wang,Zhen Cao
J-04	3122	Energy Management Strategy based on Hybrid-Systems Algorithm and Radial Basis Function Neur	Vehicle Control and Automation	Baoshuai Liu,Hui Liu,Lijin Han,Xiaolei Ren
J-05	3239	Application of an improved RRT algorithm in the U-turn of vehicle	Vehicle Control and Automation	Haobo Yin,Ju Jiang,Pan Liu,Shuang Tang
J-06	3262	Design of Adaptive Cruise Control Considering Multi-scene Application	Vehicle Control and Automation	Kai Zhang
J-07	3278	Design and Implementation of BCM-Oriented Automatic Test System	Vehicle Control and Automation	任晓代
J-08	3408	Controller design and analysis of active suspension system in frequency domain	Vehicle Control and Automation	Jingru Deng,Bing Liu
J-09	3532	Research on Design of Variable Gear Ratio of Steer-by-Wire System and Comprehensive Feedba	Vehicle Control and Automation	Shuo Liu,Yongqiang Zhu,Xuewu Ji
J-10	3593	Double-Joint Motion Planning Method in Park based on High-Definition Map	Vehicle Control and Automation	Xijing Sa,Hongcheng Huang,Ruijin Gao
J-11	3626	质子交换膜燃料电池空气供应系统管理与控制研究综述	Vehicle Control and Automation	汪依宁,夏泽翔,马龙华,常万东
J-12	3628	Capacity Prediction and Remaining Useful Life Diagnosis of Lithium-ion Batteries Using CNN-LSTM	Vehicle Control and Automation	Guangcai Zhao,Shipeng Li,Yichao Li,Bin Duan,Yunlong Shang,Chenghui Zhang
J-13	3645	Deep reinforcement learning based autonomous racing car control with priori knowledge	Vehicle Control and Automation	Zhijie Lu,Changzhu Zhang,Hao Zhang,Zhuping Wang,Chao Huang
J-14	3744	A Novel Decision-making Framework for Lane Change Considering Intentions of Traffic Participant	Vehicle Control and Automation	Bin Li,Hong Chen,Lin Zhang,YanJun Huang
K-01	3788	Research on control of electric propulsion permanent magnet synchronous motor of electric aircraft	Vehicle Control and Automation	zhangqingxin,zhanghaoya
K-02	3789	Consistent Control for SOH of Energy Storage Batteries Based on Game Theory	Vehicle Control and Automation	Guicheng Chen,Yunlong Shang, Guangcai Zhao,Peixin Yin,Qi Zhang,Chenghui Zhang
K-03	3822	A Multi-objective Optimization Algorithm for Air-path System of Diesel Engines	Vehicle Control and Automation	Jingjiang Yu,Mingxin Kang,Yuzhe Li
K-04	3823	Robust Adaptive Model Predictive Control for Active Suspension System	Vehicle Control and Automation	Ran Chen,Mingxin Kang,Yuzhe Li
K-05	3843	Dynamic Object Trajectory Prediction Algorithm in Urban Scene Based on Map Features	Vehicle Control and Automation	Zhan Huqin
K-06	3854	Path Tracking of Vehicles on Urban Roads Based on Fuzzy Control and NMPC	Vehicle Control and Automation	Guoxing Bai,Li Liu,Yu Meng,Qing Gu,Guodong Wang,Guoxin Dong
K-07	3894	Velocity Control for a Coaxial Tilt-Rotor UAV Transporting a Slung Load	Vehicle Control and Automation	Zongyang Lv,Shengming Li,Yuhu Wu
K-08	3928	Observer Design of Nonlinear Vehicle System with Unmeasurable Premise Variable	Vehicle Control and Automation	Shanshan Zhang,Juntao Pan,Liuan Bai,Zheng Li
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