

Ei Compendex 收录期刊 中文核心期刊

电子科技大学



JOURNAL OF UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA

第49卷 第六期 Vol. 49 No.6

ISSN 1001-0548



2020 中国 成都 CHENGDU CHINA

电 子 科 技 大 学 学 报

主 编: 周 涛 副 主 编: 蒋 晓 责任编辑: 刘飞阳

第49卷 第6期 2020年11月(卷终)

目 次

・通信与信息工程・

LFMCW 车载雷达解速度模糊测角新方法 ···················· 邹 林,黄述康,钱 璐,汪学刚,田晋川 (801)
改进的多目标粒子群优化算法及其在雷达布站中的应用 何 羚, 舒文江, 陈 良, 阎 啸, 王 茜 (806)
利用位置信息的目标航迹质量实时评估方法
输入约束下高阶智能体均方一致性研究
基于图形表示的异构超密集网络的机器学习技术研究(英文) 樊聪敏、张颖珺、袁晓军、李思贤 (826)
用于 PET 读出的多通道滤波成形 ASIC 芯片研制 ······
······· 蒲天磊,千 奕,敬雅冉,杨鸣宇,赵红赟,袁江月,颜俊伟,杜成名,张秀玲,孔 洁,余乾顺,苏 弘 (837)
基于层次分析法的雷达仙波信号检测与抑制方法 李春林,徐 好,吴琳拥 (843)
空间行波管多目标智能调试系统 宫大鹏, 刘 佳, 黄 桃, 李建清, 杨中海 (848)
·计算机工程与应用·
静态修改 PE 输入表注入 DLL 的检测方法研究 ····································
基于网格划分加权的分布式离群点检测算法
基于多模态注意力机制的图像理解描述新方法 李学明, 岳 贡, 陈光伟 (867)
基于搜索偏好知识的复杂多模差分进化算法
基于改进 BERT 算法的专利实体抽取研究——以石墨烯为例 ····································
・复杂性科学・
高铁对经济发展的影响谢 梅,白 薇,吴沁媛,高 见,周 涛 (891)
复杂网络视角下跨社交网络用户身份识别研究综述 那 玲,邓凯凯,吴红海,谢 萍 (905)
基于 PageRank 的合著论文中作者贡献分配算法 ····································
社会网络中观点动力学的安全性分析 (英文)
・电子信息材料与器件・
CoSb ₃ 基方钴矿热电材料综述 ···················王 超,张 蕊,姜 晶,牛 夷,杨铖铖,周 婷,潘 燕 (934)
基于涡流无损检测技术的金属表面缺陷三维模拟分析 李翰超,古 阳,于亚婷 (942)
・生物电子学・
纳秒脉冲电场诱导 B16 细胞凋亡的机制研究
冰毒成瘾者脑电信号的分类研究高军峰,张家琦,韦思宏,彭丝雨,周 到 (955)

期刊基本参数: CN51-1207/T*1959*b*16*160*zh+en*P*25.00*1500*21*2020-11

JOURNAL OF UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA

Vol.49 No.6 Nov. 2020 (The end of Vol.49)

CONTENTS

A New Method for Velocity Ambiguity Resolution and Angle Estimation of LFMCW Vehicle Radar ZOU Lin, HUANG Shu-kang, QIAN Lu, WANG Xue-gang, and TIAN Jin-chuan Browed Multi-Objective Particle Swarm Optimization Algorithm and Its Application in Radar Station Distribution HE Ling, SHU Wen-jiang, CHEN Liang, YAN Xiao, and WANG Qian HE Ling, SHU Wen-jiang, CHEN Liang, YAN Xiao, and WANG Qian HE Ling, SHU Wen-jiang, CHEN Liang, YAN Xiao, and WANG Qian HE Ling, SHU Wen-jiang, CHEN Liang, YAN Xiao, and WANG Qian Real-Time Evaluation Method of Target Track Quality Using Location Information ZHANG Hai-ying, HE Wen-jiao, WANG Wei, and WANG Cheng-gang Mean Square Consensus of High-Order Multi-Agent with Constrained Control Input LIN Bo-xian, LI Can-can, LI Wei-hao, QIN Kai-yu, and CHEN Xi Machine Learning for Heterogeneous Ultra-Dense Networks with Graphical Representations FAN Cong-min, ZHANG Ying-jun, YUAN Xiao-jun, and LI Si-xian Pevelopment of A Multi-Channel Shaper ASIC Chip for PET Readout PU Tian-lei, QIAN Yi, JING Ya-ran, YANG Ming-yu, ZHAO Hong-yun, YUAN Jiang-yue, YAN Jun-wei, DU Cheng-ming, ZHANG Xiu-ling, KONG Jie, SHE Qian-shun, and SU Hong Radar "Angel-Echo" Signal Detection and Suppression Method Based on Analytic Hierarchy Process LI Chun-lin, XU Hao, and WU Lin-yong A Multi-Objective Intelligent Debugging System for Space Traveling Wave Tubes GONG Da-peng, LIU Jia, HUANG Tao, LI Jian-qing, and YANG Zhong-hai **Computer Engineering and Applications** **Computer Engineering and Applications** Computer Engineering and Applications** **Computer Engineering and Applic
Improved Multi-Objective Particle Swarm Optimization Algorithm and Its Application in Radar Station Distribution HE Ling, SHU Wen-jiang, CHEN Liang, YAN Xiao, and WANG Qian Real-Time Evaluation Method of Target Track Quality Using Location Information ZHANG Hai-ying, HE Wen-jiao, WANG Wei, and WANG Cheng-gang Mean Square Consensus of High-Order Multi-Agent with Constrained Control Input LIN Bo-xian, LI Can-can, LI Wei-hao, QIN Kai-yu, and CHEN Xi Machine Learning for Heterogeneous Ultra-Dense Networks with Graphical Representations FAN Cong-min, ZHANG Ying-jun, YUAN Xiao-jun, and LI Si-xian PU Tian-lei, QIAN Yi, JING Ya-ran, YANG Ming-yu, ZHAO Hong-yun, YUAN Jiang-yue, YAN Jun-wei, DU Cheng-ming, ZHANG Xiu-ling, KONG Jie, SHE Qian-shun, and SU Hong Radar "Angel-Echo" Signal Detection and Suppression Method Based on Analytic Hierarchy Process LI Chun-lin, XU Hao, and WU Lin-yong A Multi-Objective Intelligent Debugging System for Space Traveling Wave Tubes GONG Da-peng, LIU Jia, HUANG Tao, LI Jian-qing, and YANG Zhong-hai **Computer Engineering and Applications** Research on Detection of Dynamic Link Library Injected by Static Modifying Import Table of Portable Executable File YU Yong-bin, YU Wen-jian, MO Jie-hong, and Kang Zheng-fei A Weighted Distributed Outlier Detection Algorithm Based on Grid Partition MEI Lin, ZHANG Feng-li, WANG Rui-jin, and GAO Qiang A Novel End-to-End Image Caption Based on Multimodal Attention LI Xue-ming, YUE Gong, and CHEN Guang-wei Complex Multimodal Differential Evolution Algorithm Based on Search Preference Knowledge CHEN Zuo-han, CAO Jie, ZHAO Fu-qing, and ZHANG Jian-lin Study on Patent Entity Extraction Based on Improved Bert Algorithms Complexity Sciences* Impact of High-Speed Railway on Economic Development XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao (891)
Real-Time Evaluation Method of Target Track Quality Using Location Information ZHANG Hai-ying, HE Wen-jiao, WANG Wei, and WANG Cheng-gang Mean Square Consensus of High-Order Multi-Agent with Constrained Control Input LIN Bo-xian, LI Can-can, LI Wei-hao, QIN Kai-yu, and CHEN Xi Machine Learning for Heterogeneous Ultra-Dense Networks with Graphical Representations FAN Cong-min, ZHANG Ying-jun, YUAN Xiao-jun, and LI Si-xian Pevelopment of A Multi-Channel Shaper ASIC Chip for PET Readout PU Tian-lei, QIAN Yi, JING Ya-ran, YANG Ming-yu, ZHAO Hong-yun, YUAN Jiang-yue, YAN Jun-wei, DU Cheng-ming, ZHANG Xiu-ling, KONG Jie, SHE Qian-shun, and SU Hong Radar "Angel-Echo" Signal Detection and Suppression Method Based on Analytic Hierarchy Process GONG Da-peng, LIU Jia, HUANG Tao, LI Jian-qing, and YANG Zhong-hai **Computer Engineering and Applications** Research on Detection of Dynamic Link Library Injected by Static Modifying Import Table of Portable Executable File YU Yong-bin, YU Wen-jian, MO Jie-hong, and Kang Zheng-fei **Weighted Distributed Outlier Detection Algorithm Based on Grid Partition MEI Lin, ZHANG Feng-li, WANG Rui-jin, and GAO Qiang A Novel End-to-End Image Caption Based on Multimodal Attention LI Xue-ming, YUE Gong, and CHEN Guang-wei Complex Multimodal Differential Evolution Algorithm Based on Search Preference Knowledge CHEN Zuo-han, CAO Jie, ZHAO Fu-qing, and ZHANG Jian-lin **Complexity Sciences** Impact of High-Speed Railway on Economic Development — XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao Review of User Identification across Social Networks: The Complex Network Approach
Real-Time Evaluation Method of Target Track Quality Using Location Information ZHANG Hai-ying, HE Wen-jiao, WANG Wei, and WANG Cheng-gang Mean Square Consensus of High-Order Multi-Agent with Constrained Control Input LIN Bo-xian, LI Can-can, LI Wei-hao, QIN Kai-yu, and CHEN Xi Machine Learning for Heterogeneous Ultra-Dense Networks with Graphical Representations FAN Cong-min, ZHANG Ying-jun, YUAN Xiao-jun, and LI Si-xian Development of A Multi-Channel Shaper ASIC Chip for PET Readout PU Tian-lei, QIAN Yi, JING Ya-ran, YANG Ming-yu, ZHAO Hong-yun, YUAN Jiang-yue, YAN Jun-wei, DU Cheng-ming, ZHANG Xiu-ling, KONG Jie, SHE Qian-shun, and SU Hong Radar "Angel-Echo" Signal Detection and Suppression Method Based on Analytic Hierarchy Process LI Chun-lin, XU Hao, and WU Lin-yong A Multi-Objective Intelligent Debugging System for Space Traveling Wave Tubes GONG Da-peng, LIU Jia, HUANG Tao, LI Jian-qing, and YANG Zhong-hai **Computer Engineering and Applications** Research on Detection of Dynamic Link Library Injected by Static Modifying Import Table of Portable Executable File YU Yong-bin, YU Wen-jian, MO Jie-hong, and Kang Zheng-fei A Weighted Distributed Outlier Detection Algorithm Based on Grid Partition MEI Lin, ZHANG Feng-li, WANG Rui-jin, and GAO Qiang A Novel End-to-End Image Caption Based on Multimodal Attention LI Xue-ming, YUE Gong, and CHEN Guang-wei Complex Multimodal Differential Evolution Algorithm Based on Search Preference Knowledge CHEN Zuo-han, CAO Jie, ZHAO Fu-qing, and ZHANG Jian-lin **Complex Multimodal Differential Evolution Algorithms A Case Study of Graphene LI Jian, JING Fu-ying, and LIU Jun **Complexity Sciences** Impact of High-Speed Railway on Economic Development *** XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao Review of User Identification across Social Networks: The Complex Network Approach
Mean Square Consensus of High-Order Multi-Agent with Constrained Control Input
Mean Square Consensus of High-Order Multi-Agent with Constrained Control Input LIN Bo-xian, LI Can-can, LI Wei-hao, QIN Kai-yu, and CHEN Xi Machine Learning for Heterogeneous Ultra-Dense Networks with Graphical Representations FAN Cong-min, ZHANG Ying-jun, YUAN Xiao-jun, and LI Si-xian Development of A Multi-Channel Shaper ASIC Chip for PET Readout PU Tian-lei, QIAN Yi, JING Ya-ran, YANG Ming-yu, ZHAO Hong-yun, YUAN Jiang-yue, YAN Jun-wei, DU Cheng-ming, ZHANG Xiu-ling, KONG Jie, SHE Qian-shun, and SU Hong Radar "Angel-Echo" Signal Detection and Suppression Method Based on Analytic Hierarchy Process LI Chun-lin, XU Hao, and WU Lin-yong A Multi-Objective Intelligent Debugging System for Space Traveling Wave Tubes GONG Da-peng, LIU Jia, HUANG Tao, LI Jian-qing, and YANG Zhong-hai *Computer Engineering and Applications* Research on Detection of Dynamic Link Library Injected by Static Modifying Import Table of Portable Executable File YU Yong-bin, YU Wen-jian, MO Jie-hong, and Kang Zheng-fei A Weighted Distributed Outlier Detection Algorithm Based on Grid Partition MEI Lin, ZHANG Feng-li, WANG Rui-jin, and GAO Qiang A Novel End-to-End Image Caption Based on Multimodal Attention MEI Lin, ZHANG Feng-li, WANG Rui-jin, and GAO Qiang A Novel End-to-End Image Caption Based on Multimodal Attention CHEN Zuo-han, CAO Jie, ZHAO Fu-qing, and ZHANG Jian-lin Study on Patent Entity Extraction Based on Improved Bert Algorithms CHEN Zuo-han, CAO Jie, ZHAO Fu-qing, and ZHANG Jian-lin CHEN Zuo-han, CAO Jie, ZHAO Fu-qing, and LIU Jun *Complexity Sciences* Impact of High-Speed Railway on Economic Development XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao Review of User Identification across Social Networks: The Complex Network Approach
LIN Bo-xian, LI Can-can, LI Wei-hao, QIN Kai-yu, and CHEN Xi Machine Learning for Heterogeneous Ultra-Dense Networks with Graphical Representations FAN Cong-min, ZHANG Ying-jun, YUAN Xiao-jun, and LI Si-xian Evelopment of A Multi-Channel Shaper ASIC Chip for PET Readout PU Tian-lei, QIAN Yi, JING Ya-ran, YANG Ming-yu, ZHAO Hong-yun, YUAN Jiang-yue, YAN Jun-wei, DU Cheng-ming, ZHANG Xiu-ling, KONG Jie, SHE Qian-shun, and SU Hong Radar "Angel-Echo" Signal Detection and Suppression Method Based on Analytic Hierarchy Process LI Chun-lin, XU Hao, and WU Lin-yong A Multi-Objective Intelligent Debugging System for Space Traveling Wave Tubes Computer Engineering and Applications **Computer Engineering and Applications** Research on Detection of Dynamic Link Library Injected by Static Modifying Import Table of Portable Executable File YU Yong-bin, YU Wen-jian, MO Jie-hong, and Kang Zheng-fei A Weighted Distributed Outlier Detection Algorithm Based on Grid Partition MEI Lin, ZHANG Feng-li, WANG Rui-jin, and GAO Qiang A Novel End-to-End Image Caption Based on Multimodal Attention LI Xue-ming, YUE Gong, and CHEN Guang-wei Complex Multimodal Differential Evolution Algorithm Based on Search Preference Knowledge CHEN Zuo-han, CAO Jie, ZHAO Fu-qing, and ZHANG Jian-lin Study on Patent Entity Extraction Based on Improved Bert Algorithms—A Case Study of Graphene LI Jian, JING Fu-ying, and LIU Jun **Complexity Sciences** Impact of High-Speed Railway on Economic Development ····· XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao Review of User Identification across Social Networks: The Complex Network Approach
Machine Learning for Heterogeneous Ultra-Dense Networks with Graphical Representations FAN Cong-min, ZHANG Ying-jun, YUAN Xiao-jun, and LI Si-xian PU Tian-lei, QIAN Yi, JING Ya-ran, YANG Ming-yu, ZHAO Hong-yun, YUAN Jiang-yue, YAN Jun-wei, DU Cheng-ming, ZHANG Xiu-ling, KONG Jie, SHE Qian-shun, and SU Hong Radar "Angel-Echo" Signal Detection and Suppression Method Based on Analytic Hierarchy Process LI Chun-lin, XU Hao, and WU Lin-yong A Multi-Objective Intelligent Debugging System for Space Traveling Wave Tubes Computer Engineering and Applications Research on Detection of Dynamic Link Library Injected by Static Modifying Import Table of Portable Executable File YU Yong-bin, YU Wen-jian, MO Jie-hong, and Kang Zheng-fei A Weighted Distributed Outlier Detection Algorithm Based on Grid Partition MEI Lin, ZHANG Feng-li, WANG Rui-jin, and GAO Qiang A Novel End-to-End Image Caption Based on Multimodal Attention MEI Lin, ZHANG Feng-li, WANG Rui-jin, and GAO Qiang A Novel End-to-End Image Caption Based on Multimodal Attention LI Xue-ming, YUE Gong, and CHEN Guang-wei Complex Multimodal Differential Evolution Algorithm Based on Search Preference Knowledge CHEN Zuo-han, CAO Jie, ZHAO Fu-qing, and ZHANG Jian-lin Study on Patent Entity Extraction Based on Improved Bert Algorithms Camplexity Sciences Impact of High-Speed Railway on Economic Development XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao Review of User Identification across Social Networks: The Complex Network Approach
PU Tian-lei, QIAN Yi, JING Ya-ran, YANG Ming-yu, ZHAO Hong-yun, YUAN Jiang-yue, YAN Jun-wei, DU Cheng-ming, ZHANG Xiu-ling, KONG Jie, SHE Qian-shun, and SU Hong Radar "Angel-Echo" Signal Detection and Suppression Method Based on Analytic Hierarchy Process LI Chun-lin, XU Hao, and WU Lin-yong A Multi-Objective Intelligent Debugging System for Space Traveling Wave Tubes GONG Da-peng, LIU Jia, HUANG Tao, LI Jian-qing, and YANG Zhong-hai **Computer Engineering and Applications** Research on Detection of Dynamic Link Library Injected by Static Modifying Import Table of Portable Executable File YU Yong-bin, YU Wen-jian, MO Jie-hong, and Kang Zheng-fei A Weighted Distributed Outlier Detection Algorithm Based on Grid Partition MEI Lin, ZHANG Feng-li, WANG Rui-jin, and GAO Qiang A Novel End-to-End Image Caption Based on Multimodal Attention MEI Lin, ZHANG Feng-li, WANG Rui-jin, and CHEN Guang-wei Complex Multimodal Differential Evolution Algorithm Based on Search Preference Knowledge CHEN Zuo-han, CAO Jie, ZHAO Fu-qing, and ZHANG Jian-lin Study on Patent Entity Extraction Based on Improved Bert Algorithms—A Case Study of Graphene LI Jian, JING Fu-ying, and LIU Jun **Complexity Sciences** Impact of High-Speed Railway on Economic Development ···· XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao Review of User Identification across Social Networks: The Complex Network Approach
Development of A Multi-Channel Shaper ASIC Chip for PET Readout PU Tian-lei, QIAN Yi, JING Ya-ran, YANG Ming-yu, ZHAO Hong-yun, YUAN Jiang-yue, YAN Jun-wei, DU Cheng-ming,
Radar "Angel-Echo" Signal Detection and Suppression Method Based on Analytic Hierarchy Process LI Chun-lin, XU Hao, and WU Lin-yong (843) A Multi-Objective Intelligent Debugging System for Space Traveling Wave Tubes GONG Da-peng, LIU Jia, HUANG Tao, LI Jian-qing, and YANG Zhong-hai (848) *Computer Engineering and Applications* Research on Detection of Dynamic Link Library Injected by Static Modifying Import Table of Portable Executable File YU Yong-bin, YU Wen-jian, MO Jie-hong, and Kang Zheng-fei (854) A Weighted Distributed Outlier Detection Algorithm Based on Grid Partition MEI Lin, ZHANG Feng-li, WANG Rui-jin, and GAO Qiang (860) A Novel End-to-End Image Caption Based on Multimodal Attention MEI LYue-ming, YUE Gong, and CHEN Guang-wei (867) Complex Multimodal Differential Evolution Algorithm Based on Search Preference Knowledge CHEN Zuo-han, CAO Jie, ZHAO Fu-qing, and ZHANG Jian-lin (875) Study on Patent Entity Extraction Based on Improved Bert Algorithms——A Case Study of Graphene LI Jian, JING Fu-ying, and LIU Jun (883) *Complexity Sciences* Impact of High-Speed Railway on Economic Development ····· XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao (891)
Radar "Angel-Echo" Signal Detection and Suppression Method Based on Analytic Hierarchy Process LI Chun-lin, XU Hao, and WU Lin-yong (843) A Multi-Objective Intelligent Debugging System for Space Traveling Wave Tubes GONG Da-peng, LIU Jia, HUANG Tao, LI Jian-qing, and YANG Zhong-hai (848) **Computer Engineering and Applications** Research on Detection of Dynamic Link Library Injected by Static Modifying Import Table of Portable Executable File
A Multi-Objective Intelligent Debugging System for Space Traveling Wave Tubes GONG Da-peng, LIU Jia, HUANG Tao, LI Jian-qing, and YANG Zhong-hai *Computer Engineering and Applications* Research on Detection of Dynamic Link Library Injected by Static Modifying Import Table of Portable Executable File YU Yong-bin, YU Wen-jian, MO Jie-hong, and Kang Zheng-fei A Weighted Distributed Outlier Detection Algorithm Based on Grid Partition MEI Lin, ZHANG Feng-li, WANG Rui-jin, and GAO Qiang A Novel End-to-End Image Caption Based on Multimodal Attention LI Xue-ming, YUE Gong, and CHEN Guang-wei Complex Multimodal Differential Evolution Algorithm Based on Search Preference Knowledge CHEN Zuo-han, CAO Jie, ZHAO Fu-qing, and ZHANG Jian-lin Study on Patent Entity Extraction Based on Improved Bert Algorithms—A Case Study of Graphene COmplexity Sciences* Impact of High-Speed Railway on Economic Development ····· XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao Review of User Identification across Social Networks: The Complex Network Approach
A Multi-Objective Intelligent Debugging System for Space Traveling Wave Tubes GONG Da-peng, LIU Jia, HUANG Tao, LI Jian-qing, and YANG Zhong-hai Computer Engineering and Applications Research on Detection of Dynamic Link Library Injected by Static Modifying Import Table of Portable Executable File YU Yong-bin, YU Wen-jian, MO Jie-hong, and Kang Zheng-fei A Weighted Distributed Outlier Detection Algorithm Based on Grid Partition MEI Lin, ZHANG Feng-li, WANG Rui-jin, and GAO Qiang A Novel End-to-End Image Caption Based on Multimodal Attention LI Xue-ming, YUE Gong, and CHEN Guang-wei Complex Multimodal Differential Evolution Algorithm Based on Search Preference Knowledge CHEN Zuo-han, CAO Jie, ZHAO Fu-qing, and ZHANG Jian-lin Study on Patent Entity Extraction Based on Improved Bert Algorithms—A Case Study of Graphene LI Jian, JING Fu-ying, and LIU Jun Complexity Sciences Impact of High-Speed Railway on Economic Development XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao Review of User Identification across Social Networks: The Complex Network Approach
**Computer Engineering and Applications ** Research on Detection of Dynamic Link Library Injected by Static Modifying Import Table of Portable Executable File
*Computer Engineering and Applications * Research on Detection of Dynamic Link Library Injected by Static Modifying Import Table of Portable Executable File
Research on Detection of Dynamic Link Library Injected by Static Modifying Import Table of Portable Executable File
Research on Detection of Dynamic Link Library Injected by Static Modifying Import Table of Portable Executable File
A Weighted Distributed Outlier Detection Algorithm Based on Grid Partition MEI Lin, ZHANG Feng-li, WANG Rui-jin, and GAO Qiang A Novel End-to-End Image Caption Based on Multimodal Attention LI Xue-ming, YUE Gong, and CHEN Guang-wei Complex Multimodal Differential Evolution Algorithm Based on Search Preference Knowledge CHEN Zuo-han, CAO Jie, ZHAO Fu-qing, and ZHANG Jian-lin Study on Patent Entity Extraction Based on Improved Bert Algorithms—A Case Study of Graphene LI Jian, JING Fu-ying, and LIU Jun **Complexity Sciences** Impact of High-Speed Railway on Economic Development XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao Review of User Identification across Social Networks: The Complex Network Approach
A Weighted Distributed Outlier Detection Algorithm Based on Grid Partition MEI Lin, ZHANG Feng-li, WANG Rui-jin, and GAO Qiang (860) A Novel End-to-End Image Caption Based on Multimodal Attention — LI Xue-ming, YUE Gong, and CHEN Guang-wei Complex Multimodal Differential Evolution Algorithm Based on Search Preference Knowledge CHEN Zuo-han, CAO Jie, ZHAO Fu-qing, and ZHANG Jian-lin Study on Patent Entity Extraction Based on Improved Bert Algorithms——A Case Study of Graphene LI Jian, JING Fu-ying, and LIU Jun **Complexity Sciences** Impact of High-Speed Railway on Economic Development — XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao Review of User Identification across Social Networks: The Complex Network Approach
MEI Lin, ZHANG Feng-li, WANG Rui-jin, and GAO Qiang (860) A Novel End-to-End Image Caption Based on Multimodal Attention LI Xue-ming, YUE Gong, and CHEN Guang-wei (867) Complex Multimodal Differential Evolution Algorithm Based on Search Preference Knowledge
A Novel End-to-End Image Caption Based on Multimodal Attention LI Xue-ming, YUE Gong, and CHEN Guang-wei (867) Complex Multimodal Differential Evolution Algorithm Based on Search Preference Knowledge
CHEN Zuo-han, CAO Jie, ZHAO Fu-qing, and ZHANG Jian-lin Study on Patent Entity Extraction Based on Improved Bert Algorithms——A Case Study of Graphene LI Jian, JING Fu-ying, and LIU Jun *Complexity Sciences* Impact of High-Speed Railway on Economic Development XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao Review of User Identification across Social Networks: The Complex Network Approach
Study on Patent Entity Extraction Based on Improved Bert Algorithms——A Case Study of Graphene
Study on Patent Entity Extraction Based on Improved Bert Algorithms——A Case Study of Graphene
• Complexity Sciences • Impact of High-Speed Railway on Economic Development ····· XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao (891) Review of User Identification across Social Networks: The Complex Network Approach ······
Impact of High-Speed Railway on Economic Development ····· XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao (891) Review of User Identification across Social Networks: The Complex Network Approach ······
Impact of High-Speed Railway on Economic Development ····· XIE Mei, BAI Wei, WU Qin-yuan, GAO Jian, and ZHOU Tao (891) Review of User Identification across Social Networks: The Complex Network Approach ······
Review of User Identification across Social Networks: The Complex Network Approach
ATING EITIG, DEING Kai-kai, WO HORG-hai, and ATE I Hig (903)
Credit Allocation for Each Author in a Multi-Author Paper Based on PageRank
WANG Jiang-pan, GUO Qiang, and LIU Jian-guo (918)
Security Analysis of Opinion Dynamics in Social Networks · · · · · SU Shuang-ping, YANG Wen, and ZHAO Zhi-yun (924)
(52)
 Electronic &Information Materials and Devices
CoSb ₃ Based Skutterudites Thermoelectric Materials ·····
WANG Chao, ZHANG Rui, JIANG Jing, NIU Yi, YANG Cheng-cheng, ZHOU Ting, and PAN Yan (934)
3D Simulation Analysis of Metal Surface Defects Based on Eddy Current Non-Destructive Testing · · · · · · · · · · · · · · · · · · ·
LI Han-chao, GU Yang, and YU Ya-ting (942)
• Bioelectronics •
Study on the Apoptosis Mechanism of Murine Melanoma B16 Cells Stimulated by Nanosecond Pulse Electric Field
RAO Xin, CHEN Xiao-dong, ZHOU Jun, LIU Yi-yao, and ALFADHL Yasir (949)
Classification of EEG Signals in Methamphetamine Addicts
GAO Jun-feng, ZHANG Jia-qi, WEI Si-hong, PENG Si-yu, and ZHOU Dao (955)