

目 次

评述

复杂网络社群检测的对抗攻击研究综述 749
张翀, 蔺琛皓, 沈超, 杨卓研, 王英晗, 王骞, 管晓宏

论文

面向加速器的动态横向融合自动编译加速机制 776
崔炜皞, 陈煜康, 赵涵, 陈全, 杨静, 过敏意

跨越 CPU 架构差异——基于大语言模型的龙架构软件移植技术 791
王晨光, 王莹, 温运伟, 张福新, 田延辉, 王洪虎, 张戈

基于显式独立性解耦的分布外泛化动态图注意力网络 815
李昊阳, 王鑫, 朱文武

基于客户协作关系图的异构联邦学习方法 833
沈琪, 杨柳, 秦子轩, 胡清华

大语言模型任务辨识能力的非平凡上界存在性证明及改进研究 850
倪宣明, 赵翹楚, 黄嵩

基于 MILP 的 JH-512 杂凑函数中间相遇原像攻击: 突破 13 轮 868
李铮, 贺一民, 闫海伦, 赵亮, 张建标

不规则约束下受扰多智能体系统自适应一致跟踪控制 884
付主木, 琚函铮, 陶发展, 夏元清, 付邦胜, 陈启宏

高阶前置角塑形的三维多约束末制导律 902
胡庆雷, 陈方正, 韩拓

基于深度强化学习和质量多样性优化的分布式柔性作业车间集成调度方法 918
秦浩翔, 向毅, 韩玉艳, 王玉亭, 陈庆达, 周平

基于近端策略优化的智能微电网能量管理策略 937
刘向杰, 陈思安, 黄汉武, 马乐乐, 孔小兵

先验知识增强的小波时空图网络及其在潜水电泵异常检测中的应用 954
李强, 李康, 高小永, 张来斌

远距离高功率微波无线传能技术与分布式 OMEGA-SSPS 设计 971
段宝岩

空时变契合度与雷达波束内角分辨 986
杨建宇, 毛德庆, 蒲巍, 孙华瑞

空地协同赋能移动边缘计算: 基于 MASAC 的 URLLC 感知能耗优化 1008
秦鹏, 李京涵, 伏阳

精选文章导读

面向存内计算架构的模型量化 1027
孙思凡, 白金宇, 陈翰廷, 邓凯文, 谢智威, 李晶晶, 曹斌, 张和, 康旺, 赵巍胜

Contents

REVIEW

A survey on adversarial attacks on community detection in complex networks 749
 Chong ZHANG, Chenhao LIN, Chao SHEN, Zhuoyan YANG, Yinghan WANG, Qian WANG & Xiaohong GUAN

RESEARCH PAPER

Automatic compilation mechanism for dynamic horizontal fusion on accelerators 776
 Weihao CUI, Yukang CHEN, Han ZHAO, Quan CHEN, Jing YANG & Minyi GUO

Bridging the differences across CPU instruction set architectures—LoongArch architecture software porting
 technique based on large language models 791

Chenguang WANG, Ying WANG, Yunwei WEN, Fuxin ZHANG, Yanhui TIAN, Honghu WANG & Ge ZHANG
 Independence-promoted disentangled dynamic graph attention network for out-of-distribution generalization 815

Haoyang LI, Xin WANG & Wenwu ZHU
 Heterogeneous federated learning with client collaboration graphs 833

Qi SHEN, Liu YANG, Zixuan QIN & Qinghua HU
 Existence proof and improvement study of nontrivial upper bounds on task recognition of large language models... 850

Xuanming NI, Qiaochu ZHAO & Song HUANG
 MILP-based meet-in-the-middle preimage attack on the JH-512 hash function: breaking 13 rounds 868

Zheng LI, Yimin HE, Hailun YAN, Liang ZHAO & Jianbiao ZHANG
 Adaptive consensus tracking control for disturbed multi-agent systems with irregular constraints 884

Zhumu FU, Hanzheng JU, Fazhan TAO, Yuanqing XIA, Bangsheng FU & Qihong CHEN
 Three-dimensional terminal guidance law with multiple constraints via high-order lead-angle shaping 902

Qinglei HU, Fangzheng CHEN & Tuo HAN
 Intelligent approach for distributed flexible job-shop scheduling with deep reinforcement learning and
 quality-diversity optimization 918

Haoxiang QIN, Yi XIANG, Yuyan HAN, Yuting WANG, Qingda CHEN & Ping ZHOU
 An intelligent energy management strategy for a microgrid based on proximal policy optimization 937

Xiangjie LIU, Sian CHEN, Hanwu HUANG, Lele MA & Xiaobing KONG
 Prior knowledge-augmented wavelet spatial-temporal graph network and its application in anomaly detection
 for electric submersible pumps 954

Qiang LI, Kang LI, Xiaoyong GAO & Laibin ZHANG
 Distributed OMEGA-SSPS design and MPT technology with long range and high power 971

Baoyan DUAN
 Spatiotemporal variability compatibility for angular resolving within radar beamwidth 986

Jianyu YANG, Deqing MAO, Wei PU & Huarui SUN
 Space-air-ground integrated network-empowered mobile edge computing: MASAC-based URLLC-aware
 energy optimization 1008

Peng QIN, Jinghan LI & Yang FU

RESEARCH HIGHLIGHT

Model quantization for computing-in-memory: a survey 1027

Sifan SUN, Jinyu BAI, Hanting CHEN, Kaiwen DENG, Zhiwei XIE, Jingjing LI, Bin CAO, He ZHANG,
 Wang KANG & Weisheng ZHAO