

目 次

理论计算机科学专题

无权重物品的几乎无忌妒分配	935
张智杰, 应东昊, 张家琳, 孙晓明	
平面上带次模惩罚费用的最小能量部分覆盖问题	947
刘晓非, 代涵, 李思哲, 李伟东	
最小最大圈覆盖问题的精确算法	960
袁森, 陈开奇, 李江坤, 张鹏	
基于区块链和贝叶斯博弈的联邦学习激励机制	971
张沁楠, 朱建明, 高胜, 熊泽辉, 丁庆洋, 朴桂荣	
创作者经济中的去中心化审查机制设计	992
陈宏峯, 邓小铁, 孔雨晴, 陆宇暄	

评述

工业缺陷检测深度学习方法综述	1002
罗东亮, 蔡雨萱, 杨子豪, 章哲彦, 周瑜, 白翔	

论文

面向机器学习系统的张量中间表示	1040
庄毅敏, 文渊博, 李威, 郭崎	
一种基于列计算的空间并置模式挖掘方法	1053
杨培忠, 王丽珍, 王晓璇, 周丽华	
基于交互序列商品相关性建模的图卷积会话推荐	1069
闫昭, 项欣光, 李泽超	
线性二次二人 Stackelberg 博弈均衡点求解: 一种 Q 学习方法	1083
李曼, 秦家虎, 王龙	
考虑 V2G 背景下微电网的一致性能量管理策略	1098
任丽娜, 武瀚, 焦晓红	
雷达图像深度学习模型的可解释性研究与探索	1114
李玮杰, 杨威, 刘永祥, 黎湘	
基于区块链和去中心不可否认属性签名的分布式公钥基础设施方案	1135
袁和昕, 刘百祥, 阚海斌, 陈泽宁	

Contents

Special Focus on Theoretical Computer Science

Almost envy-free allocations of unweighted items.....	935
Zhijie ZHANG, Donghao YING, Jialin ZHANG & Xiaoming SUN	
k -prize-collecting minimum power cover problem with submodular penalties on a plane.....	947
Xiaofei LIU, Han DAI, Sizhe LI & Weidong LI	
Exact algorithms for the min-max cycle cover problem.....	960
Sen YUAN, Kaiqi CHEN, Jiangkun LI & Peng ZHANG	
Incentive mechanism for federated learning based on blockchain and Bayesian game.....	971
Qinnan ZHANG, Jianming ZHU, Sheng GAO, Zehui XIONG, Qingyang DING & Guirong PIAO	
Decentralized content censorship for creator economy	992
Hongyin CHEN, Xiaotie DENG, Yuqing KONG & Yuxuan LU	

REVIEW

Survey on industrial defect detection with deep learning	1002
Dongliang LUO, Yuxuan CAI, Zihao YANG, Zheyang ZHANG, Yu ZHOU & Xiang BAI	

RESEARCH PAPER

A tensor intermediate representation for machine learning systems	1040
Yimin ZHUANG, Yuanbo WEN, Wei LI & Qi GUO	
A spatial co-location pattern mining approach based on column calculation.....	1053
Peizhong YANG, Lizhen WANG, Xiaoxuan WANG & Lihua ZHOU	
Item correlation modeling in interaction sequence for graph convolutional session recommendation	1069
Zhao YAN, Xinguang XIANG & Zechao LI	
Seeking equilibrium for linear-quadratic two-player Stackelberg game: a Q-learning approach.....	1083
Man LI, Jiahui QIN & Long WANG	
Consistency-based energy management strategy for microgrids with V2G	1098
Lina REN, Han WU & Xiaohong JIAO	
Research and exploration on the interpretability of deep learning model in radar image.....	1114
Weijie LI, Wei YANG, Yongxiang LIU & Xiang LI	
Distributed public key infrastructure scheme based on blockchain and decentralized undeniable attribute-based signature.....	1135
Hexin YUAN, Baixiang LIU, Haibin KAN & Zening CHEN	