

目 次

评述

电磁超材料——从等效媒质到现场可编程系统 .....1427  
崔铁军

Fourier 变换成像光谱技术 .....1462  
相里斌, 吕群波, 才啟胜, 方煜, 周锦松, 黄旻

机器直觉 .....1475  
翟鹏, 张立华, 董志岩, 万森, 郭雨晨, 甘中学, 戴琼海

论文

一种求解双目标最小生成树的警示传播算法 .....1501  
王辛, 王晓峰, 许道云, 杨德仁

分布式隐私保护—Logistic 回归 .....1511  
王璞玉, 张海

基于免疫 MHC 的否定选择算法孔洞修复方法 .....1529  
朱方东, 李涛, 杨进

带有隐式反馈的 SVD 推荐模型高效求解算法 .....1544  
蔡剑平, 雷蕴奇, 陈明明, 王宁, 张双越

考虑环境干扰的液体运载火箭结构安全性评估方法 .....1559  
胡昌华, 冯志超, 周志杰, 胡冠宇, 贺维, 曹友

一种大时间带宽积 PSWF 的显式渐近表达式 .....1574  
赛雷, 王红星, 陆发平, 刘传辉

人物风采

崔铁军院士 .....1588

相里斌院士 .....1590

刊讯

自动驾驶的人车协同与增强专题简介 .....1592  
陈虹, 曹东璞, 高炳钊, 褚文博, 陈依民

Volume 50 Number 10 October 2020

## Main Contents

### REVIEW

Electromagnetic metamaterials—from effective media to field programmable systems ..... 1427

Tiejun CUI

Fourier transform imaging spectroscopy ..... 1462

Bin XIANGLI, Qunbo LV, Qisheng CAI, Yu FANG, Jinsong ZHOU & Min HUANG

Machine intuition ..... 1475

Peng ZHAI, Lihua ZHANG, Zhiyan DONG, Sen WAN, Yuchen GUO, Zhongxue GAN & Qionghai DAI

### RESEARCH PAPER

A warning propagation algorithm to solve the double-objective minimum spanning tree ..... 1501

Xin WANG, Xiaofeng WANG, Daoyun XU & Deren YANG

Distributed logistic regression with differential privacy ..... 1511

Puyu WANG & Hai ZHANG

A negative selection algorithm hole improvement method based on MHC ..... 1529

Fangdong ZHU, Tao LI & Jin YANG

Efficient solution of the SVD recommendation model with implicit feedback ..... 1544

Jianping CAI, Yunqi LEI, Mingming CHEN, Ning WANG & Shuangyue ZHANG

A safety assessment method for a liquid launch rocket based on the belief rule base with environmental disturbance ..... 1559

Changhua HU, Zhichao FENG, Zhijie ZHOU, Guanyu HU, Wei HE & You CAO

An explicit asymptotic expression of large time-bandwidth product PSWF ..... 1574

Lei SAI, Hongxing WANG, Faping LU & Chuanhui LIU