

TABLE OF CONTENTS

目 录

Automatic Image Annotation Based on Hidden Markov Model and Convolutional Neural Network

(基于隐马尔科夫模型和卷积神经网络的图像标注方法)

H. J. XU, Q. H. HUANG, F. WANG, Y. WEN, M. H. ZHAO.....1309

Research of Family Data Fusion Pattern Based on Uncertainty Reasoning

(基于不确定性推理的家庭数据融合算法研究)

Y. F. JIN, H. F. ZHANG, W. JIN, Y. LIU, X. P. WANG.....1317

Design and Implementation of ECSDS

(描述统计认知教学系统的设计与实现)

F. J. JI.....1326

Genetic and Particle Swarm Optimization Algorithm Based on Cloud Task Scheduling

(基于云计算任务调度的遗传粒子群优化算法)

Q. WANG, X. L. FU, H. H. LI, J. R. LI.....1334

Pulse Couple Neural Network Based on Grating Cells

(基于栅格元的脉冲耦合神经网络模型)

G. PAN, X. Y. KONG.....1341

Ocean Hydrological Data Visualization Based on Radar Chart Series

(基于雷达图序列的海洋多维数据可视化方法)

Z. Y. FENG, C. X. LI.....1347

Milk Somatic Cells Recognition Based on Improved Morphological Features

(基于改进形态特征的牛乳体细胞分类识别算法)

X. L. ZHANG, H. R. XUE, X. J. GAO, Y. Q. ZHOU.....1354

The Research of Image Semantic Analysis Technology and Application Based on Knowledge Graph

(基于知识图谱的图像语义分析技术及应用研究)

L. Q. DENG, G. X. ZHANG, X. N. HAO.....1364

An Overview of the Methods on Automatic Detection of Grammatical Errors

(自动语法检查方法研究述评)

G. CHEN, J. WANG.....1372

A Novel Hyper-Chaos-Based Colorimage Encryption Algorithm Using Bit-Level Permutation and Diffusion

(基于超混沌映射的位平面彩色图像加密算法)

Y. J. LI, R. S. YE.....1382

Application of Improved Multivariate Linear Regression Algorithm Based on Haar Wavelet Analysis in MBR

(基于 Haar 小波分析改进的多元线性回归算法在 MBR 中的应用)

M. ZHANG, C. Q. LI, T. WANG, H. T. WANG.....1396

Precision Marketing Based on Hamming Distance Classification Algorithm

(基于汉明距离分类算法的精准营销)

Y. XIE, X. LIU, Y. N. WEN, Y. XIAO.....1403

Research on Detection and Control Method of Civilian UAV Based on Radio Technology in Prison Environment

(基于无线电技术的民用无人机侦测与管控方法在监所环境的探究)

Z. F. WANG, X. F. ZHOU, C. Y. XU.....1407

Least Square Multiple Linear Regression and Mie Light Scattering of Portable Dust Particle Monitoring System

(最小二乘多元线性回归及 Mie 光散射便携式扬尘粒子监测系统)

P. LIU, X. G. JU, J. Z. HAN, W. DAI.....1416

Study on Image Error Analysis and Improvement Method of UAV

(无人机影像误差分析和改善方法研究)

N. Q. LI, C. J. LIU.....1423

Design of Long-Range Support System for General Aviation Piston Engine

(通用航空活塞式发动机远程支持系统设计)

K. LIU, F. J. DING.....1429

Indonesian Text Analysis and Processing for Speech Synthesis

(面向语音合成的印尼语文本分析与处理)

X. KONG, J. YANG.....1437

Research on the Dynamic Priority Scheduling Algorithm of CAN Bus in Application-Layer

(CAN 总线在应用层实现动态优先级调度算法研究)

B. W. WANG.....1447

Research on Eigenvector Centrality Ranking under Heterogeneous Information Network

(异构信息网络下的特征向量中心性排名研究)

Y. YU, C. G. CHEN, J. ZHOU, C. Y. ZANG, S. F. HUANG.....1452

A Survey on Data Management of Event-Based Social Networks
(基于事件的社交网络数据管理技术研究综述)

Y. LIANG.....1459

Extraction and Analysis of Hotspot Region of Parallel Taxi Trajectory Based on Spark
(基于 Spark 的并行化出租车轨迹热点区域提取与分析)

X. L. LI, Y. SHENG, X. J. LAN.....1482