

貴州大學學報(自然科學版)

◇ 专家特稿

盾构隧道群近接下穿施工顺序对既有隧道影响模型试验研究

桂 跃, 吕祎晔, 裴利华, 杨醒宇, 罗胜阳/1

◇ 基础科学研究

矩阵之和 Drazin 逆的表示及其应用

杨晓英/13

非可微 r -不变凸函数的 η -鞍点条件

袁 静, 李向有, 刘文艳/18

贵州野核桃天然林主要树种生态位和种间关系研究

吴华丽, 余德会, 杨焱冰, 杨小红, 黎大顺/24

◇ 工程科学研究及应用

级联融合边缘特征的高分辨率遥感影像道路提取 李佳优, 董 琰, 郭 俊, 陈芸芝/33

2023 年(第 40 卷)第 6 期 11 月 15 日出版

塔磨机磨矿效率影响因素分析 陈来保,王子扬,韩呈,侯英/40

植酸-铅纳米酸性催化剂的制备及其立体选择性合成反式茴香脑的研究

赵灵雪,刘怡璇,陈嘉胜,彭婉君,陈露,王宇航,宋庆伟,李虎,杨松/45

动态环境下基于深度学习的视觉 SLAM 研究 张庆永,杨旭东/53

大数据视角下数字社区用户群体人格画像 符虔,赵海腾,赵小青,帅懿芯/62

基于偏旁部首计数分析网络的零样本汉字识别 张琼霞,王大寒,朱顺痣/69

基于双通道残差网络的泥石流沟谷孕灾风险预测 袁若浩,王保云/78

内置分块波纹钢板-混凝土组合剪力墙抗震性能分析

丁习斌,姜艳涛,吴边,张凤亮/86

白云岩石粉混凝土力学性能试验研究 乐兴,梅世龙,王石磊/94

盐都区水土腐蚀性评价及原因分析 石云妮,罗军尧,杨太强,王昆/101

基于公交数据挖掘的乘客上下站点识别 张杰,唐耀红,袁秋凤,王伟/106

黄原酸化改性凹凸棒土对 Cu^{2+} 的吸附性能 李芳蓉/116

本期执行编辑:江龙,曾晶,周晓南,于慧梅

Contents

Model Testing on the Influence of Multi-line overlapping Overlapping Shield Tunnels Construction Sequence on Existing Tunnels	<i>GUI Yue, LV Yiye, PEI Lihua, YANG Xingyu, LUO Shengyang</i> /1
The Representations for the Drazin Inverse of the Sum of Matrices and Its Application	<i>YANG Xiaoying</i> /13
η -saddle Point Condition for Non-differentiable r -invexity Functions	<i>YUAN Jing, LI Xiangyou, LIU Wenyan</i> /18
Ecological Niche and Interspecific Relationship of Main Tree Species in Natural Forest of <i>Juglans cathayensis</i> in Guizhou	<i>WU Huali, YU Dehui, YANG Yanbing, YANG Xiaohong, LI Dashun</i> /24
Road Extraction From High-Resolution Remote Sensing Images Based on Cascade Fusion of Edge Features	<i>LI Jiayou, DONG Yan, GUO Jun, CHEN Yunzhi</i> /33
Analysis of Influencing Factors of Grinding Efficiency of Tower Mill	<i>CHEN Laibao, WANG Ziyang, HAN Cheng, HOU Ying</i> /40
Preparation of Phytate-Hafnium Acid Catalyst and Its Stereoselective Synthesis of <i>Trans</i> -Anethole	<i>ZHAO Lingxue, LIU Yixuan, CHEN Jiasheng, PENG Wanjun, CHEN Lu, WANG Yuhang, SONG Qingwei, LI Hu, YANG Song</i> /45
Study on Visual SLAM Based on Deep Learning in Dynamic Environment	<i>ZHANG Qingyong, YANG Xudong</i> /53
Digital Community User Group Personality Profiling Through the Lens of Big Data	<i>FU Qian, ZHAO Haiteng, ZHAO Xiaoqing, SHUAI Yixin</i> /62
Radical Counter Analysis Network for Zero-shot Learning Chinese Character Recognition	<i>ZHANG Qiongxia, WANG Dahan, ZHU Shunzhi</i> /69
Debris Flow Ravine Hazard Prediction Based on Two-Way Residual Network	<i>YUAN Ruohao, WANG Baoyun</i> /78
Seismic Performance Analysis of Segmented Corrugated Steel Plate-Concrete Composite Shear Walls	<i>DING Xibin, JIANG Yantao, WU Bian, ZHANG Fengliang</i> /86
Experimental Research on Mechanical Properties of Dolomite Powder Concrete	<i>LE Xing, MEI Shilong, WANG Shilei</i> /94
Evaluation and Cause Analysis of Water and Soil Corrosivity in Yandu District	<i>SHI Yunni, LUO Junyao, YANG Taiqiang, WANG Kun</i> /101
Passenger Boarding and Alighting Station Identification Based on Transit Data Mining	<i>ZHANG Jie, TANG Yaohong, YUAN Qiufeng, WANG Wei</i> /106
Adsorption Properties of Attapulgite Modified by Xanthan Acidification for Cu^{2+}	<i>LI Fangrong</i> /116