

TABLE OF CONTENTS

目 录

浅谈旋挖嵌岩桩桩身及桩底缺陷处理

Discussion on Treatment of Defects in Pile Body and Bottom of Rock-Socketed Pile by Rotary Excavation

张跃进..... 239

石粉含量和含泥量对砂浆流变性能的影响

Influence of Stone Powder Content and Mud Content on Rheological Properties of Mortar

苏斌, 袁芳, 吕慧敏..... 248

水泥粉煤灰稳定湿陷性黄土路基施工技术探讨

Discussion on Construction Technology of Cement Fly Ash Stabilized Collapsible Loess Subgrade

范俊杰..... 255

边坡变形和应力监测技术研究进展及展望

Research Progress and Expectation of Slope Deformation and Stress Monitoring Technology

周鑫磊, 张卫兵, 刘臻祥, 李晓, 雷过..... 261

基于 HSS 小应变本构模型的软土地区超深地连墙施工过程变形分析

Deformation Analysis of the Construction Process of Ultra-Deep Diaphragm Wall in Soft Area Using HSS Small-Strain Model

刘羿辰, 祝强..... 271

轴压 T 形分布的四肢格构柱绕非对称轴整体稳定性计算

Calculation of Overall Stability of Limb Lattice Columns with T-Shape Distribution under Axial Compression around Asymmetric Axis

王新, 贾连光, 赵一民..... 282

既有重力式挡土墙在新增荷载作用下的承载特性试验研究

Experimental Study on Bearing Characteristics of Existing Gravity Retaining Wall under New Load

缪昕, 韩高孝..... 290

新型多筒桩靴基础贯入过程有限元分析

Numerical Analysis of Penetration of Novel Multi-Buckets Spudca

赵德, 谢立全..... 299

基于 CEL 的螺旋桩安装扰动模型

Disturbance Model of Spiral Pile Installation Based on CEL

赵星婕, 谢立全..... 306

广元市示范性综合实践基地滑坡特征及防治

**Landslide Features, Prevention and Control at Demonstration Comprehensive Practice
Base in Guangyuan City**

张钰, 韩俊, 赵国华, 董云 312

杭州富水砂层盾构隧道联络通道盾构法建造可行性方案研究

**Research on Feasibility Scheme for Construction of Connecting Channel Shield Method
for Shield Tunnel in Water-Rich Sand Layer in Hangzhou**

谢皆睿 321

隧道开挖对滑坡体稳定影响试验研究

Experimental Research on the Influence of Tunnel Excavation on the Stability of Landslide

周琪, 杨钦 327

功能梯度混凝土圆筒结构研究进展

Research Progress of Functionally Graded Concrete Cylinder Structures

胡雷雨, 王政, 高曜翔, 王浩, 薛恺文, 崔振东 336

基于 TOPSIS 的武汉市街道品质评价模型

Evaluation Model of Wuhan Street Quality Based on TOPSIS

刘天栋, 陈芬 346

螺杆桩的极限承载力计算

Calculation of Ultimate Bearing Capacity of Screw Pile

郝杰 355

负压深井降水系统在地下水修复工程中的研究与应用

**Research and Application of Negative Pressure Deep Well Dewatering System in
Groundwater Remediation Engineering**

陈旭杭 365

垂直阻隔组合工艺在污染场地修复工程中的研究与应用

**Research and Application of Vertical Barrier Combined Technology in Polluted Site
Remediation Project**

杜善磊 374

组合支挡作用下桩板墙与悬臂式挡墙协同作用分析研究

**Analysis and Research on the Synergy of Pile Sheet Wall and Cantilever Retaining Wall
under the Action of Combined Retaining Wall**

雷子恒, 韩高孝, 郭智斌 385

TBM 盾构机在上软下硬地层的施工技术研究

**Research on Construction Technology of TBM Shield Machine in Upper Soft and Lower
Hard Strata**

康斌, 李慧鹏, 朱燕华, 滕春俑, 李华平, 张进益 401

盐渍土地区钢筋混凝土结构寿命预测模型

Life Prediction Model of Reinforced Concrete Structure in Saline Soil Area

林晓旭, 王起才, 谢超.....407

上海市某工程深基坑设计与施工控制研究

Study on Design and Construction Control of Deep Foundation Pit of a Project in Shanghai

沈斌.....419

基于声发射技术的钢纤维混凝土损伤特性研究

Damage Characteristics of Steel Fiber Concrete Based on Acoustic Emission Technology

易锦, 蒋立慧, 孙强, 陈柯宇, 陈洋.....428

基于振动谐波理论的路基压实度在线检测方法与实验研究

On-Line Detection Method and Experimental Research of Roadbed Compactness Based on Vibration Harmonic

张泽宇, 格桑罗布, 次旦多杰, 来港, 张军, 惠记庄, 林通.....443

裂隙围岩隧道塌方规律的数值模拟研究

Numerical Simulation Study on Collapse Law of Tunnel under Fractured Surrounding Rock

梁宸, 张亚鹏, 曲龙, 刘泾堂, 杜耀辉.....453

纤维对混凝土性能影响的研究现状

Research Status of the Influence of Fiber on the Performance of Concrete

晏云潇, 杨鼎宜, 钱云峰, 金自然, 祁中天, 汪志康, 范晟.....459