

水 利 水 运 工 程 学 报

(双月刊)

2019年2月

第1期(总第173期)

目 次

- 粗粒料的切线模量表达式与参数确定方法 傅中志,张意江,陈生水,袁 静(1)
- 坝踵混凝土体型对混凝土面板应力变形的影响 李炎隆,张 宁,曹智昶,宫晓华(11)
- 混凝土芯砂石桩振动沉管成桩效应及其累积特性研究 唐彤芝,明经平,关云飞,赵维炳(18)
- 季节性冻土区路基土体冻胀影响因素灰色关联分析 巩丽丽,刘德仁,杨 楠,王跃武,张延杰(28)
- 新老混凝土缝面切向刚度早龄期发展规律 宋家东,杨 锐,杨 峰,章景涛,强 晟,华 夏(35)
- 纳米级掺合料和粗合成纤维对湿喷混凝土回弹率的影响 宁逢伟,丁建彤,白 银,杨 森,雷英强(42)
- 低速水流作用下水泥砂浆溶蚀特性研究 胡欢欢,左晓宝,李向南,何绍丽,汤玉娟(50)
- 膨胀土膨胀变形试验研究 李进前,王起才,张戎令,梁柯鑫,李航辉,刘爱仓(60)
- 大尺度散粒体周围水流结构试验研究 钟 亮,姜 彤,韩正国(67)
- 长江干线宜昌至武汉段航运发展对策分析 刘 涛,彭东方,刘均卫(76)
- 长江下游航道承载力指标与评价方法研究 马 驰,左利钦,陆 彦,陆永军(85)
- 复式河槽水位流量计算误差分析及方法对比 杨 坡,魏炳乾,胡红胜,杨明阳(94)
- 基于分形和 R/S 分析的渭河干流径流变化特征研究 王小杰,姜仁贵,解建仓,汪 妮,李晓春(102)
- 透空潜坝附近水流特性的数值模拟 欧阳澍,刘成林,程永舟,王文森,王小明(109)
- 南京水利科学研究院获奖成果介绍**
- 南京水科院 2 项成果获得 2018 年度国家科学技术奖励 (119)

HYDRO-SCIENCE AND ENGINEERING

(Bimonthly)

Feb. 2019

No. 1 (Total No. 173)

CONTENTS

- A tangential modulus model for coarse granular materials and the corresponding method for parameter identification
..... *FU Zhongzhi, ZHANG Yijiang, CHEN Shengshui, YUAN Jing*(1)
- Influence of concrete heel shape on stress and deformation of concrete slab of a dam
..... *LI Yanlong, ZHANG Ning, CAO Zhichang, GONG Xiaohua*(11)
- Study on compaction effect and its accumulation characteristics of concrete-core sand-gravel pile with vibrating immersed tube technology *TANG Tongzhi, MING Jingping, GUAN Yunfei, ZHAO Weibing*(18)
- Comprehensive analysis on frost heave factors of subgrade soil in seasonally frozen ground region
..... *GONG Lili, LIU Deren, YANG Nan, WANG Yuewu, ZHANG Yanjie*(28)
- Development rule of tangential stiffness of new and old concrete joint faces at early age and its application in temperature control simulation
..... *SONG Jiadong, YANG Rui, YANG Feng, ZHANG Jingtao, QIANG Sheng, HUA Xia*(35)
- Effect of nanometer scale admixture and macro synthetic fiber on the rebound rate of wet mix shotcrete
..... *NING Fengwei, DING Jiantong, BAI Yin, YANG Sen, LEI Yingqiang*(42)
- Study on leaching characteristics of cement mortar under flowing water with low velocity
..... *HU Huanhuan, ZUO Xiaobao, LI Xiangnan, HE Shaoli, TANG Yujuan*(50)
- Experimental study on expansion and deformation of expansive soil
..... *LI Jinqian, WANG Qicai, ZHANG Rongling, LIANG Kexin, LI Hanghui, LIU Aicang*(60)
- Flow structures around large-scale artificial roughness elements
..... *ZHONG Liang, JIANG Tong, HAN Zhengguo*(67)
- Analysis of shipping development measures for Yichang to Wuhan section of Yangtze River mainstream
..... *LIU Tao, PENG Dongfang, LIU Junwei*(76)
- Study on the indexes and evaluation method of carrying capacity of the navigation channel in the lower Yangtze River *MA Chi, ZUO Liqin, LU Yan, LU Yongjun*(85)
- Error analysis and method comparison for calculating stage-discharge relation in compound channel
..... *YANG Po, WEI Bingqian, HU Hongsheng, YANG Mingyang*(94)
- Analysis of runoff variation characteristics in the mainstream of Weihe River based on fractal theory and R/S analysis method *WANG Xiaojie, JIANG Rengui, XIE Jiancang, WANG Ni, LI Xiaochun*(102)
- Numerical simulation of flow characteristics near the permeable submerged dam
..... *OUYANG Shu, LIU Chenglin, CHENG Yongzhou, WANG Wenseng, WANG Xiaoming*(109)
- NEWS (119)