水 利 水 运 工 程 学 报

(双月刊)

2015 年 8 月　　第 4 期(总第 152 期)

目 次

脉冲波作用下竖直弹性板的水弹性响应 …… 高　哲,梁书秀,孙昭晨,王兴刚(1)
突发洪水时山区中小水库漫坝风险的极大熵分析 …… 陈业华,王　浩(9)
综合物探法探测堤坝白蚁隐患的关键技术研究 …… 陆　俊,李　军,臧德记,贾海磊,严双顶(16)
破碎波作用下床面形态研究及泥沙受力分析 …… 李青峰,程永舟,韩二品,潘　昀(22)
长江口南港河槽容积变化特征分析 …… 朱　远,罗小峰(28)
折流式厌氧反应器水力特性分析 …… 周冬卉,吴时强,祝　龙,吕学研(37)
密实度对砂卵砾石料强度及变形特性的影响 …… 孙明辉,朱俊高,沈靠山,轩向阳(43)
生态袋挡墙护岸结构设计及其力学性能变化 …… 朱海生,陈　健,张桂荣,王　蔚,方绪顺(48)
击实黏土剪切断裂韧度的试验研究 …… 胡骏峰(56)
沉入式桶式基础防波堤抗倾覆稳定性计算 …… 杨立功,蔡正银(61)
硫酸盐和干湿循环耦合作用下混凝土性能研究 …… 刘道维,刘本义,李向东,袁　杰 (69)
淤泥-稻壳灰基胶凝材料试验研究 …… 张　慧(75)
多施工任务多设备配套的系统可靠性分析 …… 晋良海,梁巧秀,韩兰珍,肖山喜,李　宬(81)
岩基上混凝土浇筑块施工期最高温度均匀化调控 …… 练　迪,黄耀英,张　倩,徐佰林,景　继(86)
白银市水生态安全评价研究 …… 戴文渊,张　芮,成自勇,宋众艳,刘静霞,马奇梅 (92)
基于联合分布的太湖流域梅雨特征研究 …… 刘　勇,王银堂,胡庆芳,崔婷婷,王磊之(98)
基于聚类分析的水文相似流域研究 …… 范梦歌,刘九夫(106)

期刊基本参数:CN32-1613/TV * 1979 * b * A4 * 111 * zh * P * ￥12.00 * 900 * 17 * 2015-08

HYDRO-SCIENCE AND ENGINEERING

(Bimonthly)

Aug. 2015 No.4 (Total No.152)

CONTENTS

Hydroelastic response of a vertical elastic plate to pulse wave
..... *GAO Zhe*, *LIANG Shu-xiu*, *SUN Zhao-chen*, *WANG Xing-gang*(1)
Maximum entropy analysis of small and medium mountain reservoir overtopping risks during sudden flood
..... *CHEN Ye-hua*, *WANG Hao*(9)
Key technology research for detecting termites in dykes and dams by integrated geophysical method
..... *LU Jun*, *LI Jun*, *ZANG De-ji*, *JIA Hai-lei*, *YAN Shuang-ding*(16)
Analysis of bed form and sediment force under action of breaking waves
..... *LI Qing-feng*, *CHENG Yong-zhou*, *HAN Er-pin*, *PAN Yun*(22)
Characteristics analysis of changes in scouring and silting volumes of south channel of Yangtze estuary
..... *ZHU Yuan*, *LUO Xiao-feng*(28)
Analysis of hydraulic characteristics of anaerobic baffled reactor
..... *ZHOU Dong-hui*, *WU Shi-qiang*, *ZHU Long*, *LV Xue-yan*(37)
Density effects on strength and deformation behaviour of sandy gravel
..... *SUN Ming-hui*, *ZHU Jun-gao*, *SHEN Kao-shan*, *XUAN Xiang-yang*(43)
Structural design of retaining wall with ecological geo-textile bags and its changes in mechanical properties
..... *ZHU Hai-sheng*, *CHEN Jian*, *ZHANG Gui-rong*, *WANG Wei*, *FANG Xu-shun*(48)
Experimental studies on shear fracture toughness of compacted clay
..... *HU Jun-feng*(56)
A computation method for stability against overturning of embedded bucket foundation breakwater
..... *YANG Li-gong*, *CAI Zheng-yin*(61)
Property analysis of concrete under coupling action of sulfate and wet-dry cycles
..... *LIU Dao-wei*, *LIU Ben-yi*, *LI Xiang-dong*, *YUAN Jie*(69)
Experimental studies on manufacturing cementitious materials with sludge and rice hush ash
..... *ZHANG Hui*(75)
System reliability analysis of multi-construction task with multi-equipment matching
..... *JIN Liang-hai*, *LIANG Qiao-xiu*, *HAN Lan-zhen*, *XIAO Shan-xi*, *LI Cheng*(81)
Uniformity control of highest temperature of concrete block on rock foundation during construction
..... *LIAN Di*, *HUANG Yao-ying*, *ZHANG Qian*, *XU Bai-lin*, *JING Ji*(86)
Hydroecological safety evaluation for Baiyin city
..... *DAI Wen-yuan*, *ZHANG Rui*, *CHENG Zi-yong*, *SONG Zhong-yan*, *LIU Jing-xia*, *MA Qi-mei*(92)
Characteristics analysis of Plum rains in Taihu Lake basin based on joint distribution
..... *LIU Yong*, *WANG Yin-tang*, *HU Qing-fang*, *CUI Ting-ting*, *WANG Lei-zhi*(98)
Analysis of hydrologically similar basins based on clustering analysis
..... *FAN Meng-ge*, *LIU Jiu-fu*(106)