

全 国 中 文 核 心 期 刊
中 国 科 技 核 心 期 刊
RCCSE 中 国 核 心 学 术 期 刊
美国《剑桥科学文摘》(CSA)收录期刊
波兰《哥白尼索引》收录期刊
美国《乌利希期刊指南》收录期刊

ISSN 1009 - 640X
CODEN SSGXAH

水利水运工程学报

HYDRO-SCIENCE AND ENGINEERING

2

2013



南京水利科学研究所
NANJING HYDRAULIC RESEARCH INSTITUTE

水 利 水 运 工 程 学 报

(双月刊)

2013 年 4 月

第 2 期(总第 138 期)

目 次

- 涌潮的水槽模拟及验证 黄 静, 潘存鸿, 陈 刚, 匡翠萍, 李红燕(1)
- 混凝土坝变形组合预报模型的蛙跳建模方法 王 伟, 钟启明, 刘守华, 李益兵(9)
- 表面振动压实仪法测定粗粒土密度的影响因素 朱俊高, 轩向阳, 薄以霆(15)
- 基于数值模拟的地下洞室施工安全预警指标 王建敏, 任青文, 杨 印(20)
- 长江口深水航道疏浚土处理现状及未来展望 赵德招, 刘 杰, 程海峰, 王珍珍(26)
- 某水电站引水隧洞出口高边坡变形机理研究 陈兴周, 柴军瑞, 白俊光(33)
- 山区河流滩群河段的碍航特征与整治原则分析 赵志舟, 赵世强, 许光祥(39)
- 潮流作用下复合桥墩局部冲刷研究 倪志辉, 王明会, 张绪进(45)
- 长江口河段柔性护滩结构周边河床冲刷形态分析 贾 晓, 胡志锋, 吴华林, 周发林, 唐晓峰(52)
- 基于渗流与应力耦合的防渗墙与坝体相互作用的数值模拟 高江林, 陈云翔(58)
- 钢筋混凝土构件组合体徐变系数的计算 黄卫兰, 陈灿明, 陈 程, 唐崇钊, 陆道彪(64)
- 改进 Elman 神经网络在径流预测中的应用 崔东文(71)
- 道路工程施工工期风险状态监测系统研究 韩尚宇, 田其煌, 洪宝宁(78)
- 大型水闸三角闸门的优化设计 董顾春, 朱召泉(83)
- 入海河口闸下淤积机理及模拟技术研究进展 王向明, 张新周, 窦希萍, 赵晓冬, 徐雪松, 曲红玲(87)
- 岩土与地质工程中分布式光纤传感技术研究进展 高 磊, 陈晖东, 余湘娟, 周 斌(93)

南京水利科学研究院重大成果介绍

“高土石坝抗震设计理论研究与工程应用”成果简介 (封三)

期刊基本参数: CN32-1613/TV * 1979 * b * A4 * 99 * zh * P * ¥12.00 * 900 * 16 * 2013-04

HYDRO-SCIENCE AND ENGINEERING

(Bimonthly)

Apr. 2013

No. 2 (Total No. 138)

CONTENTS

Experimental simulation and validation of the tidal bore in the flume	HUANG Jing, PAN Cun-hong, CHEN Gang, KUANG Cui-ping, LI Hong-yan(1)
Concrete dam deformation forecasting with combined model based on modeling method in shuffled frog leaping algorithm	WANG Wei, ZHONG Qi-ming, LIU Shou-hua, LI Yi-bing(9)
Influence factors of dry density of coarse-grained soil measured by surface vibrating compactor	ZHU Jun-gao, XUAN Xiang-yang, BO Yi-ting(15)
Early safety warning indexes of an underground grotto based on numerical simulation	WANG Jian-min, REN Qing-wen, YANG Yin(20)
Current situation and future prospect of dredged material disposal in the Yangtze estuary deepwater navigation channel	ZHAO De-zhao, LIU Jie, CHENG Hai-feng, WANG Zhen-zhen(26)
Research of deformation mechanism for high slope linked with a hydropower station diversion tunnel outlet	CHEN Xing-zhou, CHAI Jun-rui, BAI Jun-guang(33)
Analysis of navigation hindering characteristics and regulation principle of shoal group reaches of mountain rivers	ZHAO Zhi-zhou, ZHAO Shi-qiang, XU Guang-xiang(39)
Local scour of composite piers under action of tidal current ...	NI Zhi-hui, WANG Ming-hui, ZHANG Xu-jin(45)
Local scour near flexible beach protection project in the Yangtze River estuary	JIA Xiao, HU Zhi-feng, WU Hua-lin, ZHOU Fa-lin, TANG Xiao-feng(52)
Numerical simulation of interaction between cut-off wall and earth-rock dam based on coupling of seepage and stress	GAO Jiang-lin, CHEN Yun-xiang(58)
Calculation method for creep coefficient of reinforced concrete composite members	HUANG Wei-lan, CHEN Can-ming, CHEN Cheng, TANG Chong-zhao, LU Dao-biao(64)
An improved Elman neural network and its application to runoff forecast	CUI Dong-wen(71)
Risk monitoring system during highway construction period ...	HAN Shang-yu, TIAN Qi-huang, HONG Bao-ning(78)
Optimum design of a large-scale sector gate	DONG Gu-chun, ZHU Zhao-quan(83)
Advances in study of siltation mechanism and simulation technique for channels downstream of sluices in estuaries	WANG Xiang-ming, ZHANG Xin-zhou, DOU Xi-ping, ZHAO Xiao-dong, XU Xue-song, QU Hong-ling(87)
Advance of the distributed optical fiber technology in geotechnical and geological engineering	GAO Lei, CHEN Hui-dong, YU Xiang-juan, ZHOU Bin(93)
NEWS	(inside back cover)