

河海大学学报

(自然科学版)

第38卷第6期

2010年11月

目 次

- 中国原水论坛论文选登 ·
- 弹性粒子群优化算法及其在水电优化调度中的应用 陈烨兴, 罗云霞, 周慕逊 (603)
- 1960—2005年湄公河流域径流量演变趋势 周婷, 于福亮, 李传哲, 柴增凯 (608)
- 大型输水渠道运行仿真系统控制周期选取 丁志良, 余启辉, 杨哲江 (614)
- 考虑水质的水资源调配模型及其解法 张松达, 苏飞, 夏梦河 (620)
- 气候变化对衢州水文站洪水频率分析的影响 徐晚, 林盛吉, 张徐杰, 张庆庆, 许月萍 (625)
- 快速城市化过程中深圳的水资源与水环境问题 邱国玉, 张清涛 (629)
- 太湖梅梁湾水污染及蓝藻分析计算 陈鸣, 陆卫鲜, 郁建桥, 徐亮 (634)
- 重庆市王家沟小流域农业面源污染防控对策 陈康宁, 卞戈亚, 李琳 (639)
- 基于 SWAT 模型的流域非点源污染模拟 张皓天, 张弛, 周惠成, 沈必成 (644)
- 李家峡拱坝水平位移监测资料统计模型对比分析 魏超, 田振华, 张博 (651)
- 考虑时变效应的土石坝安全风险综合评价模型 李益, 蔡新, 徐锦才, 李洪煊, 戴双喜 (655)
- 考虑时变效应的水工金属结构安全风险评价模型 李洪煊, 蔡新, 徐锦才, 易剑刚, 杨光明 (660)
- 水文水资源与环境 ·
- 热带气旋活动对我国大陆降水影响的统计分析 余锦华, 卢莹 (665)
- 土壤下渗问题的格子玻尔兹曼模拟 张东辉, 芮孝芳, 马哲树, 孔祥雷 (671)
- 考虑稳定同位素浓度垂向变化的蒸发分馏模型 童海滨, 王新建, 陈建生, 董海洲 (677)
- 钱塘江河口区声学多普勒测流及资料整编 吕耀光, 黄士稳 (682)
- 地下水可开采系数计算结果的可靠度与敏感性 季叶飞, 束龙仓, 王振龙 (688)
- 水利水电工程 ·
- 山区多沙水库干支流泥沙淤积数学模型及应用 陈珺, 舒彩文, 武见, 梅志宏, 谈广鸣 (693)
- 异侧竖缝式鱼道水力特性试验研究 曹庆磊, 杨文俊, 陈辉 (698)
- 土木工程 ·
- 宽级配砾质土三轴试验研究 陈志波, 朱俊高 (704)
- 拱坝基础处理中的传力洞设计 吴党中央, 刘国华 (711)
- 圆形洞室预应力锚索的地震动力响应 郝振群, 石崇, 朱珍德 (716)
- 征订启事 (613, 659, 703, 710)

JOURNAL OF HOHAI UNIVERSITY

(NATURAL SCIENCES)

Vol.38 No.6

Nov. 2010

CONTENTS

· Selected Articles from China's Forum on Raw Water ·

- Application of resilient particle swarm optimization in optimal scheduling of hydropower projects CHEN Ye-xing, LUO Yun-xia, ZHOU Mu-xun(603)
Evolution trend of runoff in Mekong River basin during 1960-2005 ZHOU Ting, YU Fu-liang, LI Chuan-zhe, CHAI Zeng-kai(608)
Selection of control period for simulation system operation of large-scale water conveyance canals DING Zhi-liang, YU Qi-hui, YANG Zhe-jiang(614)
Water resources allocation and operation model considering water quality demand and its solution ZHANG Song-da, SU Fei, XIA Meng-he(620)
Impact of climate change on flood frequency analysis at Quzhou hydrological station XU Xiao, LIN Sheng-ji, ZHANG Xu-jie, ZHANG Qing-qing, XU Yue-ping(625)
Issues of water resources and environment in Shenzhen with rapid urbanization QIU Guo-yu, ZHANG Qing-tao(629)
Analysis and calculation of water pollution and blue algae in Meiliang Bay of Taihu Lake CHEN Ming, LU Wei-xian, YU Jian-qiao, XU Liang(634)
Countermeasures for agricultural non-point source pollution in Wangjiagou watershed of Chongqing CHEN Kang-ning, BIAN Ge-ya, LI Lin(639)
Simulation of non-point source pollution in watershed based on SWAT model ZHANG Hao-tian, ZHANG Chi, ZHOU Hui-cheng, SHEN Bi-cheng(644)
Statistical model analysis of observed data of horizontal displacement of Lijaxia Arch Dam WEI Chao, TIAN Zhen-hua, ZHANG Bo(651)
Safety risk comprehensive evaluation model of earth-rock dams considering time-varying effect LI Yi, CAI Xin, XU Jin-cai, LI Hong-xuan, DAI Shuang-xi(655)
Safety risk assessment model of hydraulic metal structures considering time-varying effect LI Hong-xuan, CAI Xin, XU Jin-cai, YI Jian-gang, YANG Guang-ming(660)

· Hydrology, Water Resources and Environment ·

- Statistical analysis of effect of tropical cyclone activity on precipitation over Chinese Mainland YU Jin-hua, LIU Ying(665)
Simulation of soil infiltration process by lattice Boltzmann method ZHANG Dong-hui, RUI Xiao-fang, MA Zhe-shu, KONG Xiang-lei(671)
Fraction model under evaporation considering vertical difference of stable isotopic concentration TONG Hai-bin, WANG Xin-jian, CHEN Jian-sheng, DONG Hai-zhou(677)
Discharge measurement and data compilation in Qiantang River estuary by use of acoustic Doppler current profiler LI Yao-guang, HUANG Shi-wen(682)
Reliability and sensitivity analysis of calculated results of allowable withdrawal coefficient of groundwater JI Ye-fei, SHU Long-cang, WANG Zhen-long(688)

· Water Conservancy and Hydropower Engineering ·

- Application of mathematical model of sediment deposition in mainstream and tributary of mountainous reservoirs with high sediment concentration CHEN Jun, SHU Cai-wen, WU Jian, MEI Zhi-hong, TAN Guang-ming(693)
Experimental study on hydraulic characteristics of vertical slot fishway from side to side CAO Qing-lei, YANG Wen-jun, CHEN Hui(698)

· Civil Engineering ·

- Triaxial tests on widely graded gravelly soil CHEN Zhi-bo, ZHU Jun-gao(704)
Design of concrete plug in foundation treatment of arc dams WU Dang-zhong, LIU Guo-hua(711)
Dynamic response of prestressed anchor cables in round tunnels under earthquakes HAO Zhen-qun, SHI Chong, ZHU Zhen-de(716)