

ISSN 2095-7092



浙江水利水电学院学报

浙江水利水电学院学报

Journal of Zhejiang University of Water Resources
and Electric Power

第三十卷
第四期

总第九十八期

二〇一八年八月

ZHEJIANG SHUILI
SHUIDIAN XUEYUAN
XUEBAO

4

2018

第30卷 第4期
Vol.30 No.4

万方数据

目次

水文化研究

- 南宋浙东运河萧山段变迁考 陈志根(1)
《闸务全书三刻》的编纂价值和意义 赵任飞,蔡彦(6)

水利水电工程

- 新疆 SETH 水利枢纽工程导流设计 蒋小健,蒋小军(13)
平底矩形断面渐扩散水跃跃后水深的计算 傅铭焕,惠祥明,吴留伟,田甜,侯毅,卢志男(18)
套井塌孔和坝体裂缝的原因分析及处理 吴有星,张蕾(24)
基于耦合激励相容机制的区域水资源配置优化路径 叶舟(28)
开放式城市水利风景区的科学管理 徐智麟(34)
自动化信息技术在水利水电工程中的应用 叶素策(39)
小型山塘坝体白蚁危害的预防
——以临安27座小型山塘为例 郝晓东,吴佳(42)

土木建筑与环境工程

- 基于能量法的混凝土损伤断裂耦合分析 何晓壮,邓爱民,杨建凤(46)
基于日尺度的非冰期水面蒸发影响因素对比分析
——以新疆准噶尔盆地南缘及塔里木盆地北缘为例 魏光辉,姜振盈(51)
去除染料废水中亚甲基蓝的改性秸秆制备及性能研究 何思敏,厉益利,邵波,戚高晟(55)

信息与自动化工程

- 基于水动力涡轮的无线充电系统设计 徐嘉琳,张美燕,郑洁铭,林凯,陈依杭,仲政韬(59)
浅析直升机飞行过程的力学原理 李煦阳,高健(64)
一种改进干扰观察最大功率跟踪算法 刘传洋,孙佐(70)
云计算在智慧校园服务器部署中的设计与应用 任海鹏,邓春红,孙宇(74)
DELTA 并联机器人路径规划设计 陈红亮,孔宇超(78)

教育与教学技术

- 工程教育背景下工程训练实践教学模式的探索 赵华成,何理瑞,李增芳(81)
基于学科竞赛的实验教学改革
——以浙江水利水电学院电气学院为例 吴琦灿,许海莺(86)

JOURNAL OF ZHEJIANG UNIVERSITY OF WATER RESOURCES AND ELECTRIC POWER

Vol. 30 No. 4 (Total 98) Aug. 2018

CONTENTS

Water Culture Research

- Changes of Grand Canal in Xiaoshan Section in Southern Song Dynasty CHEN Zhi-gen (1)
Compilation Value and Significance of *The 3rd Reprint of The Complete Book about Sluice*
..... ZHAO Ren-fei, CAI Yan (6)

Water Conservancy and Hydropower Engineering

- Construction Diversion of SETH Hydro-junction in Xinjiang JIANG Xiao-jian, JIANG Xiao-jun (13)
Calculation of Sequent Depth of Hydraulic Jump in Gradually Expanding Stilling Basin with
Flat Bottom Rectangular Section FU Ming-huan, HUI Xiang-ming,
WU Liu-wei, TIAN Tian, HOU Yi, LU Zhi-nan (18)
Analysis and Treatment for Casing Collapse and Dam Cracks WU You-xing, ZHANG Lei (24)
Optimization Path of Regional Water Resources Allocation Based on Coupling Incentive Compatibility
Mechanism YE Zhou (28)
Scientific Management of Open Water Conservancy Scenic Areas in Cities XU Zhi-ling (34)
Application of Automatic Information Technology in Water Conservancy and Hydropower Engineering
..... YE Su-ce (37)
Termite Prevention in Small Reservoirs HAO Xiao-dong, WU Jia (42)

Civil and Environmental Engineering

- Coupling Analysis of Concrete Damage and Fracture Based on Energy Method
..... HE Xiao-zhuang, DENG Ai-min, YANG Jian-feng (46)
Influential Factors to Water Surface Evaporation in Non-freezing Period Based on Relational Analysis Method
—A Case of South Junggar Basin and North Tarim Basin WEI Guang-hui, JIANG Zhen-ying (51)
Preparation and Properties of Modified Straw for Removing Methylene Blue from Dye Wastewater
..... HE Si-min, LI Yi-li, SHAO Bo, QI Gao-sheng (55)

Information and Automation Engineering

- Design of Wireless Charging System Based on Hydrodynamic Turbine
..... XU Jia-lin, ZHANG Mei-yan, ZHENG Jie-ming, LIN Kai, CHEN Yi-hang, ZHONG Zheng-tao (59)
Mechanics Principle Analysis of Helicopter Flight Process LI Xu-yang, GAO Jian (64)
An Improved Interference Observation MPPT Algorithm LIU Chuan-yang, SUN Zuo (70)
Application of Cloud Computing in Intelligent Campus Server Deployment
..... REN Hai-peng, DENG Chun-hong, SUN Yu (74)
Path Planning and Design of DELTA Parallel Robot CHEN Hong-liang, KONG Yu-chao (78)

Education and Teaching Techniques

- Exploration of Practice Teaching Mode of Engineering Training in Engineering Education Context
..... ZHAO Hua-cheng, HE Li-rui, LI Zeng-fang (81)
On 西方数据 Experiment Teaching Based on Subject Contest WU Qi-can, XU Hai-ying (86)