

ISSN 2095-7092



浙江水利水电学院学报

**Journal of Zhejiang University of Water Resources
and Electric Power**

ZHEJIANG SHUILI
SHUIDIAN XUEYUAN
XUEBAO

4 (卷终)

2015

第27卷 第4期
Vol.27 No.4

目 次

水文化研究

- 外国元首的西湖情愫 陈志根(1)
福州台江区现存古桥的保护与利用 林 敏(7)

水利水电工程

- 欧田水电站浆砌石主坝三维有限元分析 黄世涛¹, 郭丽朋, 朱 强, 潘永胆(13)
坝基帷幕灌浆在石门坎水库除险加固中的应用 吴阳锋, 吴国芳(18)
温州鹿城区丰门河水系治水方案 董怡隆, 狄顺有(22)
宁波周公宅水库洪水调度信息系统的开发 王 攀, 陈小平, 卢林全(28)
基于 GIS 的便携式无线水质监测系统 李惠英, 徐柳娟, 杨启尧(33)
论非工程措施在防汛中的作用 张柏林(38)
基于灰色关联投影法的干旱区春玉米适宜灌溉方式评价 吴新新(43)
太阳能驱动的物联网智能系统在喷滴灌工程中的应用 白炳书, 颜志刚, 吴洪峰(47)
杨柳溪水库灌区渠系建筑物优化设计 娄诗建, 谭剑波(50)
诸暨市五泄江生态堤防工程管护现状与建议 瞿威飞(54)

土木建筑与环境工程

- 基于点云数据的单圆盾构隧道水平弦长检测 李家平(58)
堆载预压法处理软基的沉降分析及预测 肖玉德, 钱 炜(62)
聚羧酸高效减水剂品种对混凝土渗透性影响研究 金 文(62)
氨氮自动监测仪示值误差测量结果的不确定度评定 徐远远, 罗宇驰(62)
高氨氮污水的微生物修复初探 吴酬飞, 谢运昌, 王 芬(62)

信息与自动化工程

教育与教学技术

- 浙江省高校与社区体育资源共享的路径研究 王 美(68)
基于大学生学科竞赛的机械创新课程教学模式研究 卢孔宝(73)
应用型本科院校工程实训教学师资队伍建设探讨 何理瑞(77)
“微阅读”潮流下推进纸质图书阅读的研究——以浙江水利水电学院为例 许小梅(82)

JOURNAL OF ZHEJIANG UNIVERSITY OF WATER RESOURCES AND ELECTRIC POWER

Vol.27 No.3(Total 81) Sep.2015

CONTENTS

Water Conservancy and Hydropower Engineering

- Foreign Leaders and The West Lake CHEN Zhi-gen(1)
Protection and Utilization of Ancient Bridges in Taijiang District LIN Min(7)

Water Conservancy and Hydropower Engineering

- On 3D Finite Element Analysis of Masonry Gravity Dam in Outian Reservoir HUANG Shi-tao , GUO Li-ming , ZHU Qiang , PAN Yong-dan(13)

Application of Foundation Curtain Grouting in Shimenkan Reservoir Reinforcement WU Yang-feng , WU Guo-fang(18)

Water Control Scheme for Fengmen River System in Lucheng District DONG Yi-long , DI Shun-you(22)

Development of Flood Regulation Information System in Zhougongzhai Reservoir WANG Pan , CHEN Xiao-ping , LU Lin-quan(28)

Portable Wireless Water Quality Monitoring System Based on GIS LI Hui-ying , XU Liu-juan , YANH Qi-yao(33)

Function of Non-engineering Measures in Flood Prevention ZHANG Bo-lin(38)

Study on Suitable Irrigation Method for Spring Maize in Arid Area Based on Grey Correlation Project Method WU Xin-xin(43)

Application of Intelligent System on Spray Irrigation Engineering Driven by Solar Energy BAI Bing-shu , YAN Zhi-gang , WU Hong-feng(47)

Optimization Design of Canal Buildings in Yangliuxi Reservoir Irrigation Area LOU Shi-jian , TAN Jian-bo(50)

Ecological Embankment Engineering Management of Wuxie River QU Wei-gei(54)

Civil and Environmental Engineering

Horizontal Chord Length Testing of Single Circle Shield Tunnel Based on Point Clouds LI Jia-ping(58)

Settlement Analysis and Prediction of Soft Foundation Treated by Surcharge Preloading XIAO Yu-de , QIAN Wei(62)

Research on Concrete Permeability by Polycarboxylate Superplasticizer JIN Wen(58)

Evaluation of Uncertainty on Indication Error Measurement by Ammonia-Nitrogen Automatic Analyzer XU Yuan-yuan , LUO Yu-chi(58)

Primary Study on Microbial Remediation of High-Ammonia-Nitrogen Sewage WU Qiu-fei , XIE Yun-chang , WANG Fen(58)

Information and Automation Engineering

Educational and Teaching Techniques

Sharing of Sports Resources between Universities and Communities WANG Mei(68)

Research on Teaching Mode of Mechanical Innovation Curriculum for College Students Based on Academic Competition LU Kong-bao(73)

Construction of Teaching Staff for Engineering Training in Application-oriented Universities HE Li-rui(77)

On Promotion of Paper Reading Affected by New Trends of "Micro-reading" XU Xiao-mei(82)