

长安大学 主办

ISSN 1673-2049
CN 61-1442/TU

建筑科学与工程学报

JOURNAL OF ARCHITECTURE AND
CIVIL ENGINEERING

第34卷 2017
第5期



ISSN 1673-2049



9 771673 204170

Vol. 34 No. 5
中国·西安

目 次

- 焊接管节点疲劳研究综述 刘永健,姜 磊,王康宁(1)
- 水中重金属离子吸附材料的研究现状与发展趋势 施 周,邓 林(21)
- 桩承式路堤中的静动力土拱效应 陈仁朋,刘骐炜,姜正晖(31)
- 面向未来的高性能桥梁结构研发与应用 邵旭东,曹君辉(41)
- 超高性能混凝土结构的设计方法 方 志,郑 辉,杨 剑,苏 捷,黄政宇(59)
- 大跨梁网预应力分区张拉的影响分析 谭立新,郭朋鑫,何昌杰,张耀康(68)
- 拉索预应力巨型网格结构体系 贺拥军,周绪红,王继新(76)
- 免模保温剪力墙施工工艺及抗震性能 吴方伯,段芳敏,欧阳靖,李 钧,周绪红(83)
- “天使之翼”体育场风压特性试验 李秋胜,梁晓娟,陈伏彬,王相军(92)
- 装配式混凝土框架结构防连续倒塌研究中的几个问题 张望喜,曹亚栋(101)
- 基于试验数据的高强混凝土梁抗剪承载力计算方法 I .无腹筋梁
..... 黄 靓,郑钟国,鲁懿虬,李 叶,包堂堂(113)
- 基于试验数据的高强混凝土梁抗剪承载力计算方法 II .有腹筋梁
..... 黄 靓,郑钟国,鲁懿虬,李 叶,包堂堂(120)
- 多尺度纳米材料对再生沥青长期老化性能的影响 张恒龙,朱崇政,柯能信(127)
- 织物增强混凝土的研究与应用进展 刘 赛,朱德举,李安令(134)
- 冲击受损 RC 梁残余力学性能试验 李 智,胡开赢,霍静思,曾 翔(147)
- 大气环境下轻骨料混凝土耐久性能研究综述 吴 涛,孙艺嘉,刘 喜(154)
- FRP 筋混凝土梁挠度与裂缝宽度计算模型分析 刘 喜,王 征,吴 涛(163)
- PBL 加劲型矩形钢管混凝土桁架受弯性能试验 高诣民,刘永健,姜 磊,刘君平,刘欣昊(171)
- “上”形截面钢梁弯扭联合作用下整体稳定性分析 刘 江,刘永健,房建宏,彭元诚(181)
- 煤气化渣对水泥混凝土性能的影响 刘开平,赵红艳,李祖仲,关 羽,汤卓群,陈 骞(190)
- 考虑轴向位移的压弯 II 形梁剪力滞分析 周世军,宋 刚(196)

CONTENTS

Review of Fatigue Behavior in Welded Tubular Joints	LIU Yong-jian,JIANG Lei,WANG Kang-ning(1)
Research Progresses and Trends in Materials for Adsorption of Heavy Metal Ions in Aqueous Phase	SHI Zhou,DENG Lin(21)
Static and Dynamic Soil Arching Effect of Pile-supported Embankments	CHEN Ren-peng,LIU Qi-wei,JIANG Zheng-hui(31)
Research and Application of High Performance Bridge Structures Toward Future	SHAO Xu-dong,CAO Jun-hui(41)
Design Principles for Ultra-high Performance Concrete Structures	FANG Zhi,ZHENG Hui,YANG Jian,SU Jie,HUANG Zheng-yu(59)
Effect Analysis of Prestressing Subarea Tension of Large-span Beam Net	TAN Li-xin,GUO Peng-xin,HE Chang-jie,ZHANG Yao-kang(68)
Prestressed Reticulated Mega-structure System	HE Yong-jun,ZHOU Xu-hong,WANG Ji-xin(76)
Construction Process and Seismic Performance of Non-template Insulation Shear Wall	WU Fang-bo,DUAN Fang-min,OUYANG Jing,LI Jun,ZHOU Xu-hong(83)
Experiment of Wind Pressure Characteristics of “Angel Wings” Stadium	LI Qiu-sheng,LIANG Xiao-juan,CHEN Fu-bin,WANG Xiang-jun(92)
Several Problems in Research on Progressive Collapse of Precast Concrete Frame Structures	ZHANG Wang-xi,CAO Ya-dong(101)
Calculation Method of Shear Capacity of High Strength Concrete Beams Based on Experimental Data I .Without Web Reinforcement	HUANG Liang,ZHENG Zhong-guo,LU Yi-qiu,LI Ye,BAO Tang-tang(113)
Calculation Method of Shear Capacity of High Strength Concrete Beams Based on Experimental Data II .With Web Reinforcement	HUANG Liang,ZHENG Zhong-guo,LU Yi-qiu,LI Ye,BAO Tang-tang(120)
Effect of Multi-dimensional Nanomaterials on Long-term Aging Properties of Recycled Asphalt	ZHANG Heng-long,ZHU Chong-zheng,KE Neng-xin(127)
Research and Application Progress of Textile Reinforced Concrete	LIU Sai,ZHU De-ju,LI An-ling(134)
Experiment on Residual Mechanical Behavior of Impact-damaged RC Beams	LI Zhi,HU Kai-ying,HUO Jing-si,ZENG Xiang(147)
Review on Durability of Lightweight Aggregate Concrete in Atmospheric Environment	WU Tao,SUN Yi-jia,LIU Xi(154)
Calculation Model of Deflection and Crack Width of Concrete Beam Reinforced with FRP Bars	LIU Xi,WANG Zheng,WU Tao(163)
Experiment on Flexural Behaviour of Rectangular Concrete Filled Steel Tubular Truss Stiffened with PBL	GAO Yi-min,LIU Yong-jian,JIANG Lei,LIU Jun-ping,LIU Xin-hao(171)
Overall Stability Analysis of “上”-section Steel Girder Under Combined Bending and Torsion	LIU Jiang,LIU Yong-jian,FANG Jian-hong,PENG Yuan-cheng(181)
Influence of Coal Gasification Slag on Cement Concrete Performance	LIU Kai-ping,ZHAO Hong-yan,LI Zu-zhong,GUAN Yu,TANG Zhuo-qun,CHEN Qian(190)
Analysis of Shear Lag of Compression-bending II-shaped Girder Considering Axial Displacement	ZHOU Shi-jun,SONG Gang(196)