

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35卷 2018
第4期



ISSN 1673-2049



9 771673 204187

Vol. 35 No. 4

中国·西安

目 次

- 新型叠合板拼缝构造静载试验 吴方伯,付伟,文俊,欧阳靖,周绪红(1)
- 大跨度叠合梁斜拉桥非线性稳定研究 赵人达,邹建波,吕梁,许智强,贾毅(11)
- 基于 ANSYS 的大跨斜拉桥地震响应分析及性能评估 赵人达,许智强,邹建波,贾毅,李福海(19)
- 砂土剪胀剪缩特性及其对抗剪强度的影响 许成顺,李艳梅,耿琳,戴金(27)
- 铝合金方形和矩形管截面开孔梁受弯性能试验 冯然,陆洋(34)
- 对接焊缝构造形式对高强钢梁柱节点断裂性能的影响 王燕,杨帆(45)
- 复杂环境及荷载共同作用下 CFRP 加固高强钢筋混凝土梁受力性能试验
..... 王苏岩,张红涛,朱方芳,刘振杰(54)
- 蜂窝梁-实腹柱十字形节点受力性能研究 聂少锋,朱纪钊,马轶,叶梦娜,宋龙飞(63)
- 延性节点钢框架结构的抗震性能分析 韩明岚,王帅,牟政,王燕,刘丹(72)
- 高应力作用下 CFG 桩复合地基承载变形机制 郭彬,武李和乐,王番,王永鑫,李戈(81)
- 荷载损伤后纤维轻骨料混凝土氯离子侵蚀研究 张云国,李敏,韩玥(89)
- 基于强度参数脆性指数的岩石 I 型断裂韧度评价 包含,郭文明,张国彪,晏长根(97)
- 特殊浸水下桩基负摩阻力试验研究 朱彦鹏,杨奎斌,王海明,杨校辉(105)
- 考虑楼板影响的 RC 框架结构连续性倒塌动力响应分析 罗维刚,黑晓丹,刘纪斌,李晓璐(113)
- 土钉墙-桩锚-内撑复合支护体系监测与分析 宋建学,李力剑,全元通(120)

CONTENTS

Static Load Experiment of New Type of Laminated Plate Joint Structure

..... WU Fang-bo ,FU Wei ,WEN Jun ,OUYANG Jing ,ZHOU Xu-hong(1)

Research on Nonlinear Stability of Long-span Composite Girder Cable-stayed Bridge

..... ZHAO Ren-da ,ZOU Jian-bo ,LU Liang ,XU Zhi-qiang ,JIA Yi(11)

Seismic Response Analysis and Performance Evaluation of Long-span Cable-stayed Bridge Based on ANSYS

..... ZHAO Ren-da ,XU Zhi-qiang ,ZOU Jian-bo ,JIA Yi ,LI Fu-hai(19)

Shear Dilatancy and Shear Shrinkage Characteristic of Sand and Its Influence on Shear Strength

..... XU Cheng-shun ,LI Yan-mei ,GENG Lin ,DAI Jin(27)

Experiment on Flexural Behaviour of Aluminium Alloy Square and Rectangular Tube Section Perforated Beams FENG Ran ,LU Yang(34)

Effect of Butt Weld Construction on Fracture Properties of High Strength Steel Beam-column Joints WANG Yan ,YANG Fan(45)

Mechanical Performance Test of High-strength Reinforced Concrete Beam Strengthened by CFRP Under Combined Action of

Complex Environment and Loading WANG Su-yan ,ZHANG Hong-tao ,ZHU Fang-fang ,LIU Zhen-jie(54)

Study on Mechanical Behavior of Castellated Beam-solid Column Cruciform Joints

..... NIE Shao-feng ,ZHU Ji-zhao ,MA Yi ,YE Meng-na ,SONG Long-fei(63)

Seismic Performance Analysis of Steel Frame Structure with Ductile Connections

..... HAN Ming-lan ,WANG Shuai ,MOU Zheng ,WANG Yan ,LIU Dan(72)

Bearing Deformation Mechanism of CFG Pile Composite Foundation Under High Stress

..... ZHI Bin ,WU-LI He-le ,WANG Pan ,WANG Yong-xin ,LI Ge(81)

Study on Chloride Ion Penetration in Fiber Reinforced Lightweight Aggregate Concrete with Load Damages

..... ZHANG Yun-guo ,LI Min ,HAN Yue(89)

Evaluation of Mode I Fracture Toughness of Rock Based on Brittleness Index of Strength Parameters

..... BAO Han ,GUO Wen-ming ,ZHANG Guo-biao ,YAN Chang-gen(97)

Test Research on Negative Skin Friction of Pile Foundation Under Special Immersion

..... ZHU Yan-peng ,YANG Kui-bin ,WANG Hai-ming ,YANG Xiao-hui(105)

Dynamic Response Analysis on Progressive Collapse of RC Frame Considering Contribution of Slab

..... LUO Wei-gang ,HEI Xiao-dan ,LIU Ji-bin ,LI Xiao-lu(113)

Monitoring and Analysis on Composite Support System with Soil Nailing Wall -pile Anchor-inner Bracing

..... SONG Jian-xue ,LI Li-jian ,TONG Yuan-tong(120)