

# TABLE OF CONTENTS

## 目 录

**Experimental Research on Structural Behavior of High-Strength Bolted Grouted Sleeve Flush Endplate Connections**  
**(高强螺栓灌浆套管端板拼接节点试验研究)**

L. S. TANG, S. C. JIANG..... 345

**Multi-Center Collaborative Supply Mechanism of Affordable Housing Based on IAD Framework**  
**(基于 IAD 的保障房多中心协同供应机制)**

J. DU, J. M. WANG, L. F. ZHU..... 355

**The Impact of Blending Materials on the Compatibility between Cement and Polycarboxylate Superplasticizer**  
**(混合材对水泥与聚羧酸减水剂相容性的影响)**

C. MIAO..... 364

**Research of a New Interlocking Hollow Block**  
**(一种新型连锁积木式砌块技术研究)**

X. X. LIU, C. L. LI, S. ZHANG..... 371

**Research on Long-Span Continuous Rigid Frame Bridge Girder Design Parameters Impact Based on Orthogonal Experiment**  
**(基于正交试验法的大跨连续刚构桥主梁设计参数影响研究)**

F. TANG, Y. LU, D. J. LI, J. XIONG..... 378

**Low Yield Point Steel Consumption Damper Test and Simulation**  
**(极低屈服点钢耗能阻尼器试验与模拟分析)**

X. M. LIANG, H. LI, Z. CHEN, T. Z. SONG..... 385

**Review of Fishway Inlet Research**  
**(鱼道进口研究综述)**

X. MAO..... 393

**Study of Wind Loads on Typical High-Rise Building by Wind Tunnel Test**  
**(典型高层建筑风荷载风洞试验研究)**

J. Y. ZHAO, F. B. CHEN, Q. R. CAI, M. L. ZHANG, L. LIN..... 399

**Influential Factors Analysis of Peak Impact Force and Time Duration for Substructures of the Bridge Impacted by Heavy Vehicles**  
**(重型车辆撞击桥梁下部结构的碰撞力持时和峰值的主要影响因素)**

J. WANG, J. QIAN, D. Y. ZHOU..... 408

**Research Status and Development Prospect of Wind Speed Prediction Based on Firefly Algorithm**  
(基于萤火虫算法的风速预测研究现状及发展前景)

X. F. ZHENG, C. XU, C. X. LI.....417

**Seismic Response Analysis of Deep Saturated Soil Covering Layers on Fluid-Solid Coupling Element**  
(基于流固耦合单元的深覆盖饱和土层场地地震分析)

W. ZHANG.....425

**Study on Ventilation Schemes in Isolation Ward Based on Human Factors**  
(基于人机工程的隔离病房通风方案研究)

H. J. JIA, Y. N. WU, Z. YANG, W. ZHANG, X. F. LIU.....432