

TABLE OF CONTENTS

目 录

Research Progress of Internal Curing in High-Performance Concrete
(高强混凝土内养护的研究进展)

Y. Q. ZHOU, H. H. CHEN.....	1
-----------------------------	---

Study on Capability of Crumb Rubber Asphalt Mixture
(橡胶颗粒沥青混合料性能研究)

C. Q. WANG, Y. XU, Z. H. LIU.....	8
-----------------------------------	---

Dynamic Super-Degree-of-Freedom Element of Reinforced Concrete Frame Structures
(钢筋混凝土框架结构动力超自由度单元)

Z. H. FANG.....	17
-----------------	----

Study on the Monitoring and Change of Subgrade Temperature and Humidity Field in Seasonal Frozen Region

(季冻区路基温 - 湿度场监测与变化规律研究)

L. XU, Y. L. LI, L. JI, Y. Q. TAN.....	25
--	----

Analysis on the Earth Pressure Change of Retaining Wall by Dewatering
(基坑降水过程挡土墙上土压力变化分析)

T. N. WANG, Q. LV.....	31
------------------------	----

Stress Analysis of a High Arch Dam Considering Construct Step
(模拟施工过程的拱坝结构应力分析)

W. Y. JIANG.....	37
------------------	----

Research on Construction Safety of Deep Foundation Pit of Highway Tunnel in the Pearl River Delta
(珠三角深厚软土区公路隧道深基坑施工安全控制研究)

C. Y. WU, W. Y. PANG, C. WANG, G. Z. ZHANG.....	48
---	----

Mechanism of Concrete Filled Steel Tube Subjected to Torsion and Multi-Scale Finite Element Model
(基于有限元模型的钢管混凝土抗扭机理及梁桥地震扭转反应)

Y. Y. PENG.....	56
-----------------	----

Research on Standard Tower Section in Communication Monopole
(单管通信塔标准塔段研究)

B. YUAN, H. H. ZHANG.....	62
---------------------------	----

An Estimation Method for Mode I Fracture Toughness K_{Ic} of Rocks
(一种岩石 I 型断裂韧度 K_{Ic} 估算方法)

J. LIU, H. SUN.....	74
---------------------	----

**The Detection of Seepage Pressure in High-Head Navigation Lock Area and Result Analysis
(中高水头船闸渗压力监测及成果分析研究)**

G. L. ZHANG, G. H. SUN, G. Q. JIN, L. ZHANG, Y. WU.....82

**Analysis and Test Study on the Dynamic Characteristics of a Continuous Concrete Girder
Bridge Broadened without Joint
(混凝土连续梁桥无缝拓宽前后动力特性分析与实测研究)**

Y. CHEN, P. F. WU, Y. LI, F. Y. LI.....91

**Analysis of Influence of Foundation with Caverns on Bearing Capacity of Building Foundation
(洞室地基对拟建建筑地基承载力的影响分析)**

Y. Z. WANG, Q. Y. TANG.....100

**The Effect of the Mortar Viscosity on the Surface Properties of Self-Compacting Fair-Faced Concrete
(砂浆塑性粘度对自密实清水混凝土表观性能的影响)**

H. L. YU, J. QIN, D. T. WU, H. G. QIN, C. M. PANG.....109