

现代交通技术

XIANDAI JIAOTONG JISHU

2016 13 2
4 26

MAC	.....	1
Novachip	.....	3
SMA	.....	7
	.....	9
	.....	15
()	-	G205
CSA:MI	.....	19
	.....	23
	.....	26
	....	29
ABAQUS	.....	33
	.....	37
	.....	41
	.....	46
	.....	50
	.....	53
	.....	58
	.....	61
	.....	65
	....	69
	.....	74
223	.....	77
210017	.....	81
025 86576780	.....	86
86576787	.....
86576788	.....
http://www.xdjtjs.com	.....	89
E - mail	xdjtjs@jsti.com	
	.....	94
28 329	.....
10 60	.....
ISSN 1672-9889	.....	98
CN 32-1736/U	.....
3201004042599	.....
	.....	102

CONTENTS

Cause Analysis of Old Road Longitudinal Crack for Widening Engineering Based on Stability and Deformation Calculation.....	Wan Li	1
Application Research on Composite-enhanced MAC Asphalt Mixture.....	Xu qing Jiang Xiaodan, Xie Peng	3
Performance Evaluation on Skid Resistance of Novachip Ultra-thin Wearing Layer for Expressway.....	Liang Yuwen, ZhaoZhiqiang	7
Application Evaluation and Benefit Analysis of Hot In-place Recycling in Heavy Load SMA Asphalt Pavement.....	Mao Quan	9
Study on Influence of Filler-asphalt Ratio on High Temperature Performance of Crumb Rubber Modified Asphalt Mortars.....	Wei Da, Wang Chen	15
Application of Cement-emulsified Asphalt Cold Recycling Mixture in Overhaul Engineering of National Highway No. 205.....	Xiao Fei, Gao Zhuangyuan, Wang Yu	19
Calculation Method of Effective Compaction Time for Asphalt Pavement.....	Li Hanguang, Gao Ying, Zhang Liming, Shi Yan	23
Application of Anchor Pile Construction Technology in Leyi Expressway Subgrade Project.....	Tang Youwen, Sun Lu	26
Analysis of Laboratory Shear and Drawing Performance of One-component Epoxy Asphalt Waterproof Cohesive Layer.....	Zhao Xijuan	29
Analysis of Static Load Testing for Special-shaped Slab Bridge Based on ABAQUS.....	Wu Bifei, Chen Zizhong, Zhong Yi, Zhao Chenggong	33
Seismic Response Analysis of Seismic Isolation Bearing of Urban Curved Continuous BeamBridge.....	Chen Zhenyu	37
Long-term Monitoring and Analysis of A Reinforced Concrete Tied-arch Bridge.....	Tang Tang, Wen Tianyu	41
Research and Application of Nondestructive Testing Technique for Concrete Durability.....	Wang Xinning, Yang Di, Han Yixuan	46
Application of Anti-aliasing Filtering in Bridge Health Monitoring System.....	Cai Libin, Xu Yichao	50
Research and Application of Nondestructive Testing Technology on Duct Grouting Density for Prestressed Concrete Beam.....	Liang Bo, He Wenzheng	53
Application of Steel-concrete Composite Beam for Renovation Project of Overpass Bridge.....	Yin Liang, Hu Xiakang, Huang Hao	58
Design and Analysis of Steel Sheet Pile Cofferdam for Construction of Bridge Pile Cap.....	Jin Peng, Zhang Peng	61
Research on Three-dimensional Simulation for Shallow Shield Tunneling Undercrossing Expressway.....	Zhang Xiaojun	65
Detection, Analysis and Treatment of Tunnel Pavement Diseases Caused by Swelling Rock.....	Tang Lianquan, Liu Chuanxin	69
Key Technology Research on Highway Line Planning of Anhui Province.....	Lu Chuan, Li Ju	74
Application of Traffic Simulation Techlogy in Interchange Design.....	Yao Yu	77
Research and Reflection of Credit System Construction in the Field of Traffic Engineering Construction.....	Xu Dezhi	81
Technology Condition Analysis of Commercial Vehicles Transformed to Non-commercial Vehicles Based on Driving Safety.....	Hu Runxiu, Wu Wenke	86
Discussion on Low-carbon Conservation Mode for Inland Waterways in Jiangsu Province.....	Yang Miaomiao, Chen Yimei	89
Review of Energy Consumption and Emission Calculation Software Development for Road Engineering at Home and Abroad.....	Chen Hufang, Zhu Haoran, Cai Haiquan	94
Metro Vehicle Data Acquisition Terminal Based on Wireless Communication.....	Liu Zheng, Huang Qiaociao, Yang Jiale	98
Study on Law Enforcement Management Based on Background of Maritime Grid.....	Gao Changhai, Yu Xiaofan, Shi Xiaohai	102