

中國土木水利工程學刊

中華民國八十九年六月

第十二卷 第二期

目 錄

論 文

飛灰燒失量對高流動化高強度混凝土工程性質之影響	黃兆龍	湛淵源	林治強	217
鋼筋混凝土梁以碳纖維複合物作剪力補強之結構行為	林草英	蔡耀德		225
台灣熱軋竹節及水淬鋼筋之機械性質與超額降伏強度係數	陳正誠	黃世建	李宏仁	233
打樁引致土壤孔隙水壓及地盤變位之量測	黃俊鴻	陳正興	洪國華	239
從砂的變形行為探討靜止土壓力係數			楊朝平	249
嘉南地區地盤振動特性分析	洪李陵	劉俊明		259
荷重隨時間改變下單向度壓密沉陷之行為	徐登文	葉毓泓		269
含裂縫鋼筋混凝土樑之 FRP 貼片補強 II：剝離破壞的預估模式	王仲宇	凌烽生		277
行進載重於軌道系統之動態模擬	陳希舜	廖克弘		291
摩擦單擺隔震結構之動力分析與振動臺試驗驗證	王彥博	鄧敏政	李建良	301
鋼筋混凝土樑側貼鋼板補強可行性之研究	簡顯光	閻嘉義	陳君璽	311
開挖支撐型鋼 U 型扣件接頭行為探討	周立德	蔡錦松		319
公路平面線形最佳化設計模式	李宇欣	鄭瑞富		327
空服員整合排班模式之建立	顏上堯	湯敦台		341
即時性資訊對路網車流分佈之影響	胡大瀛	魏慶地		353
公路平曲線設計規範之修正		張堂賢		363
雙頻 GPS 相位餘弦模式之空間收斂性	吳 究	游豐吉		371
多顆衛星測高資料構建南海海潮模式	黃金維	陳松安		381
波浪通過有限厚度透水彈性底床之互制作用	藍元志	李兆芳		391
鐵錳矽形狀記憶合金應用於桿件接合裝置	楊錦懷	陳昶良		401
都會區地震災害之 GIS 評估系統雛型	謝明宏	徐德修		413

Journal of the Chinese Institute of Civil and Hydraulic Engineering

June, 2000

Vol. 12, No. 2

CONTENTS

Papers

- Effect of Ignition Loss of Fly Ash on the Property of High Flowing and High Strength Concrete
..... Chao-Lung Hwang, Yuan-Yuan Chen, Chih-Chiang Lin 217
- Structural Behaviors of R.C. Beams Shear-Strengthened with Carbon Fiber Composites
..... Chao-Ying Lin, Yao-Te Tsai 225
- Mechanical Properties and Over-Strength Factor of Steel Bars of Taiwan
..... Cheng-Cheng Chen, Shyh-Jiann Hwang, Hung-Jen Lee 233
- In-Situ Measurement of Pore Water Pressure and Ground Deformation Induced by Pile Drivings
..... Jing-Hung Hwang, Guo-Hwa Hung, Cheng-Hsing Chen 239
- A Study of Coefficient of Earth Pressure at Rest Based on Deformation Behavior of Sands Chau-Ping Yang 249
- Analysis of Vibration Characteristics for Sites in Chia-Nan Area Li-Ling Hong, Jiun-Ming Liu 259
- One-Dimensional Consolidation under Time-Dependent Loading Tung-Wen Hsu, Yu-Hung Yeh 269
- Retrofitting of Cracked RC Beams by Externally Patched Flexible FRP Tow-Sheets II:
Prediction Models of Debonding Failure Chung-Yue Wang, Feng-Sheng Ling 277
- The Simulation of Moving Load for Rail Systems Shi-Shuenn Chen, Ke-Hung Liao 291
- Dynamic Analysis and Shaking Table Tests of Structures Isolated by Friction Pendulum Bearings
..... Yen-Po Wang, Min-Cheng Teng, Chien-Liang Lee 301
- A Study on the Strengthening of RC Beams Using Web-Bonded Steel Plates
..... Hsien-Kuang Chien, Jia-Yi Richard Yen, Chun-Hsi Chen 311
- Study of U-Bolt Connection Joint of a Strut Bracing System Lee-Der Jou, Jiin-Song Tsai 319
- Modeling the Highway Horizontal Alignment Design Process Yusin Lee, Juey-Fu Cheng 327
- An Integrated Model for Airline Crew Scheduling Shangyao Yan, Tun-Tai Tung 341
- Impact of Real-Time Information in a Traffic Network Ta-Yin Hu, Ching-Ti Wei 353
- Revision of Highway Horizontal Curve Design Criteria Tang-Hsien Chang 363
- Spatial Convergence Related to Cosine Models for Dual-Frequency GPS Phase Observables
..... Joz Wu, Fong-Gee Yiu 371
- An Ocean Tide Model for the South China Sea from Multi-Satellite Altimeter Data
..... Cheinway Hwang, Sung-An Chen 381
- Wave-Seabed Interaction in a Poro-Elastic Bed of Finite Thickness Yuan-Jyh Lan, Jaw-Fang Lee 391
- Application of Fe-Mn-Si Shape Memory Alloy on the Structural Joints C. H. Young, C. L. Chen 401
- A Prototype of GIS Assessment System for Seismic Hazard in Urban Area Ming-Hong Hsieh, Deh-Shiu Hsu 413
- Applying Efficient Frontier to Build a Decision Model for Deductible in the Contractors' All Risk Insurance
..... Sy-Jye Guo, Pi-Chu Chiu 423