JOURNAL OF 36 URBAN PLANNING AND DEVELOPMENT

VOLUME 3 Number 1 JANUARY-JUNE 2015

Contents

	STATE OF THE STATE
Real-time Ultrasonic Rail Health Monitoring System for Both Heavy Haul Loads and High Speed Train – South Africa Overview	Bohua Sun & 1-5 Nawaz Mahomed
Numerical Simulation of Viscoelastic Flows in A Flat Slit Channel	Yong Li, Jianrong Zheng & 7-19 Xinling Ma
Extended Krauss Deformation Gradient Decomposition of Single Director Shells made of Elaso-plastic Materials	Bohua Sun 21-30
Behavioural Analysis of Fiber Optical Sensor Beam Targeted to a Flat Surface with Various Texture	Frumence E Utou & 31-36 Bohua Sun
The Calculation Analysis of Different Mortar Materials on the Mechanical Properties of the Grouting Strengthening Masonry Structureg	Shi Jianguang, Deng Hua & 37-45 Ye Zhiming

Smart Enhanced Assumed Strain Element of Smart Laminated Plates

Bohua Sun