

International Journal of Engineering and Technology

CONTENTS

Volume 9, Number 6, December 2017

• **Materials and Mechanical Engineering**

Severe Plastic Deformation and Its Application on Processing Titanium: A Review.....426
Zahid Husaain, Awais Ahmed, Osama M. Irfan, and Fahad Al-Mufadi

Test and Analysis on Axial Compressive Mechanics of Ramie Stalk.....432
Cheng Shen, Bin Zhang, Kun-Peng Tian, Xian-Wang Li, and Qiao-Min Chen

Research Advances of Aeolian Vibration of Damper-Line System.....437
Wenping Xie, Tian Peng, Kai Xiao, and Jian Zhang

• **Civil and Architectural Engineering**

Daylight Spectrum Index: Development of a New Metric to Determine the Color Rendering of Light Sources
.....442
Ignacio Acosta

Analysis of the Perceived Thermal Comfort in a Portuguese Secondary School: Methodology and Results...448
M. A. Campano, A. Pinto, I. Acosta, and C. Muñoz-González

Study on Admissible Displacement Calculation Method of Double-Column Piers.....456
Kairui Wang, Xiuli Xu, Weiguo Huang, and Weiqing Liu

Development of LED Illumination Work at a Town Center in Collaboration of Students from Different Fields
.....461
Haruka Masumori, Nobuo Mishima, and Tomoyuki Koga

Effect of Steam Curing on Initial Strength Development of Mortar.....468
Nozomi Nakajima, Takayoshi Maruyama, Hiromitsu Koyama, and Shigeyuki Date

Natural Frequency of Bridge Pier Considering Soil Shear Effect in Layer Foundation.....474
Ying Sun and Ding Zhou

The Behavior of Circular Profile Columns Reinforced with CFRP Plates under Combined Gravity and Lateral
Loads.....480
Armin Badakhshan and Farhad Ahadi Koloo

• **Security Management**

Research on the Sustainable Development of Mining Industry OHSAS18001 Based on IFE and EFE Matrix
.....485
Jiangdong Bao, Jan Johansson, and Jingdong Zhang

• **Computer Information Engineering**

Numerical and Field Investigation of the Impacts of the Bank Protection Projects on the Fluvial Hydrodynamics (Case Study: Ghezel Ozan River).....	492
<i>Alireza Mojtahedi and Aida Bagheri Basmenji</i>	
Typing Behaviour Gives Chinese Word Segmentation New Perspective.....	498
<i>Dakui Zhang and Yu Mao</i>	
Estimation Method for Advanced Driver Assistance System and Real-Time context-aware.....	503
<i>Byunghun Oh and Hyohaeng Lee</i>	