

International Journal of Engineering and Technology

CONTENTS

Volume 8, Number 5, October 2016

• Mechanical Engineering and Simulation Modeling

An Iterative Method for Structural Health Monitoring in a Jacket Type Offshore Platform Based on Mode Reduction.....315
Alireza Mojtahedi and Farhad Hosseinlou

Reliability Optimization Design of Submarine Free-Running Model Systems.....323
Yang Jianjun and Li Wenjin

Research of the Formal Model and Simulation Based on CPN of Dynamic Fault Tree.....329
Chun Huiyang and Lu Yao

Study on Reliability Model of Multistate Phased Mission System Based on BDD.....334
Tao Hu and Chun Hui Yang

• Structure and Construction Engineering

Energy Efficient Landscape for Thermal Comfort in Buildings and Built-up Areas.....338
Srikonda Ramesh

Visual Perception in Architecture and Cinema, Similarities and Differences.....345
Hassan Ebrahimi Asl and Parinaz Mizban

Failure Distribution of the University Hostel Building.....350
Yuseni Ab Wahab and Abd Samad Hasan Basari

Strength of Sieved Only Oil Palm Ash Foamed Concrete.....354
H. Awang and M. Z. Al-Mulali

• Computer and Intelligent Systems

Analysis of Energy Savings and Visual Comfort Produced by the Proper Use of Windows.....358
I. Acosta, M. A. Campano, and J. F. Molina

Application of Artificial Neural Network and Background Subtraction for Determining Body Mass Index (BMI) in Android Devices Using Bluetooth.....366
Neil Erick Q. Madariaga and Noel B. Linsangan

A Study on the Run Length Distribution of Synthetic Chart \bar{X} Chart.....371
Z. L. Chong, Michael B. C. Khoo, and H. W. You

• Medicine and Biomedical Engineering

Modeling Tumor Growth for Kidney Cancer Based on Nuclei Clusters of Pathology Slides.....375
Aydin Saribudak, Yiyu Dong, James Hsieh, and M. Umit Uyar

Pain Level Measurement Using Discrete Wavelet Transform.....380

Maryam Vatankhah and Amir Toliyat

• **Automobile Engineering**

An Improved Ant Colony Optimization for Multi-Depot Vehicle Routing Problem.....385

Tang Yalian