IACSIT International Journal of Engineering and Technology

CONTENTS

Volume 4, Number 6, December 2012
Prototype Design of a Coloured Primary School (Sichuan - China)
Analysis of Behavior of Windows in Terms of Saving Energy in Extreme Cold Weather Climes of Iran676 Saeed Banihashemi, Mahmoud Shakouri Hassanabadi, and Aidin Nobahar Sadeghifam
Analysis and Comparison of Impacts of Design Optimization Approaches with Occupant Behavior on Energy Consumption Reduction in Residential Buildings
Energy Assessment of Multi-Storied Apartments in Roorkee
Effectiveness of Mutual Information to Select Appropriate Indices for Selection of Design Ground Motions
Tauqir Ahmed and Honda Riki Experiment Study of Fatigue Loading on Cable-Girder Anchorage of Cable-Stayed Bridge
Numerical Investigations of the Seismic Response of Precast Buildings with Beam-to-Column Connections with Steel Dowels
Seismic Performance Assessment of a Masonry Infilled Ductile RC Structure
The Impact of Airtightness on Energy Conservation of Conventional Cypriot Detached Houses
Experimental Study on Static Mechanical Behavior of Steel-Concrete Joint Section of Hybrid Girder Cable-Stayed Bridge
Dynamic Testing of Corrugated Steel Plate Culvert Using Radar
Vertical Setting Up of Shaft Axes in a Lock Flap at Assembly Stage
Finite Elements Modeling and Analysis of Cold-Formed Steel Frame Shear Walls

Grid High Availability and Service Security Issues with Solutions
An Overview of File Server Group in Distributed Systems
An Enhanced Software Project Management Methodology Accompanying Agile and CMMI
Enhancing Information Security Management by STOPE View with Six Sigma Approach
Title: Security in Requirement Engineering for Qualitative Products
Removing Fully and Partially Duplicated Records through K-Means Clustering
Formal Verification and Validation of Aircraft Departure Process in Air Traffic Control System Using
VDM++
Vertically Partitioned SRAM-Based Ternary Content Addressable Memory
StegRithm: Steganographic Algorithm for Digital ASCII Text Documents
FPGA Implementation of Reconfigurable Switch Architecture for Next Generation Communication
Networks
Design and Development of 8-Bits Fast Multiplier for Low Power Applications
Low Frequency Ring Oscillator and Its Use in Non Overlapping Clock Generation
Self Diagnosing and Fault Evacuation Framework for Ad-Hoc Network
Analysis of High Impedance Surface Dimensions on Microstrip Patch Antenna
Boundary Effect in Node Deployment: Coverage Fraction and Information Generation in Wireless Sensor Network
SMS Based Emerging Techniques for Monitoring and Controlling Android Mobiles
Application of AI in Home Automation
Non-Uniform Steps Model: New Layer to Traditional Security Encryption Algorithms (Next Generation Data

Security Layer)	808
Wilcom: Application for Interacting via Voice, Video and Text at Zero Cost in a Wi-Fi Cloud	.813
Neo Browser: Java Based Web Browser for Mobile Phones	.817
A Novel Approach for Providing Fault Tolerance to FPGA-Based Reconfigurable Systems	.821
Simulator Based Simplified Design Approach of a CMOS 2-Stage Opamp	.826
Intelligent Storage Devices for Mobile Databases	831
XTR Cryptosystem for SMS Security	836
Semi Supervised Image Segmentation Using Optimal Color Seed Selection	.840
Effect of Construction Sequences on the Behaviour of a Backfilled Retaining Wall	.844