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CONFERENCE VENUE
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Time	Paper Title	Authors
WCSET 2009: World Congress on Science, Engineering and Technology		
17:00 19:00	Conference Registration: Tuesday: October 27, 2009	
	Wednesday: October 28, 2009	
09:00 11:00	Chair: Pisut Painmanakul	Oral Session – I
	The Global Knowledge Society: Are We Bridging the Digital Divide?	James A. Nelson & Darlene Nelson New Mexico State University, USA
	Fuzzy Logic Controlled Shunt Active Power Filter for Three-phase Four-wire Systems with Balanced and Unbalanced Loads	Ahmed A. Helal, Nahla E. Zakzouk, and Yasser G. Desouky Arab Academy for Sciences and Technology, Egypt
	Optimal Multilayer Perceptron Structure for Classification of HIV Sub-Type Viruses	Zeyneb Kurt, Oguzhan Yavuz Yildiz Technical University, Turkey
	Optimal Distribution Of Interferometric Passive System For Localization LEO Satellites	Husain Yousif Faculty of Electrical Engineering and Communication, Czech Republic
	Air flow and heat transfer modeling of an Axial Flux Permanent Magnet Generator	Airoldi G., Bumby J.R., Dominy C., Ingram G.L., Lim C. H., Mahkamov K., N.L. Brown, A. Mebarki and M. Shanel, Durham University, U. K.
	The Changes of 20 kV Arrester ZnO block Voltage-Current Characteristics after Very Steep and High Magnitude of Multiple Impulse Currents Impinging on it	Ir. T. Haryono Gadjah Mada University, Indonesia
	High Speed and High Magnitude Multiple Impulse Electrical Energy Calculation Based Upon ZnO Block Impulse Voltages Measurement	Tumiran Gadjah Mada University, Indonesia
	The Effects of Total Quality Management (TQM) Tools and Techniques Towards Company Business Performance	Salina Budin Universiti Teknologi Mara, Malaysia
	The Accuracy of the Flight Derivative Estimates Derived from Flight Data	Jung-hoon Lee, Byung-hee Chang, In-hee Hwang, Dae-sung Lee Korea Aerospace Research Institute (KARI), South Korea
	Using Technology to Effect Conceptual Change	Neresh Bharath Durban University of Technology, South Africa
	Innovation Activity of Virtual Firm	Veronika Gruberová VSB-Technical University of Ostrava, Czech Republic
	Evaluation of the virtual firm competitiveness	Dita Kotásková VSB Technical University of Ostrava, Czech Republic
	Application of the Balanced Scorecard into the Formulation of Firm Strategy	Lucie Valecková VSB Technical University of Ostrava, Valecková
	Developing mathematical thinking with the assistance of	Puvernentheran Yegambaram; Richard Naidoo Durban University of Technology, South Africa
	Perturbations and Shocks with a NNT scheme across a wind turbine	Richard Naidoo Durban University of Technology, South Africa
	Universal Qibla and Prayer Time Finder	Mohd Zamri bin Ibrahim Universiti Malaysia Pahang, Malaysia
	Treatment of oily wastewater by fibrous coalescer process: Stage coalescer and model prediction	Pisut Painmanakul, Kotchakorn Kongkangwarn, Nattawin Chawaloesphonsiya, Chulalongkorn University, Thailand

11:00 11:15	Coffee Break	
11:15 13:00	Chair: Osamu Saito	Oral Session – II
	Wearable Sensing Application- Carbon Dioxide Monitoring for Emergency Personnel Using Wearable Sensors	Tanja Radu, Cormac Fay, King Tong Lau, Rhys Waite, and Dermot Diamond, CLARITY, Dublin City University, Ireland
	Co-composting cow manure with food waste: The influence of lipids content	Neves, L., Ferreira, V. and Oliveira, R. Universidade do Minho, Center of Biological Engineering, Portugal
	A Proposed Framework for Improving IT Utilization in the Energy Industry	Jin Kyung Park, Ji Yeon Cho, Yong Ho Shim, Su Jin Kim and Bong Gyou Lee, Yonsei Univesity, Korea
	Strategic Priority of Green ICT Policy in Korea: Applying Analytic Hierarchy Process	Yong Ho Shim, Ki Youn Kim, Ji Yeon Cho, Jin Kyung Park and Bong Gyou Lee, Yonsei University, Korea
	The Potential of Natural Waste (Corn Husk) for Production of Environmental Friendly Biodegradable Film for Seedling	Norashikin binti Mat Zain Universiti Malaysia Pahang, Malaysia
	A Study on Energy-efficient Temperature Control	Mitsuyuki Kawakami, Kimihiro Yamanaka Tokyo Metropolitan University, Japan
	Green Design for Mobile Phones	Ilke Bereketti, Mujde Erol Genevois, H. Ziya Ulukan Galatasaray University, Turkey
	Effect of Indole-3-Acetic Acid on Arsenic Translocation in Agricultural Crops	Yelena Lyubun Russian Academy of Sciences, Russia
	Enzymatic activity of alfalfa in a phenanthrene-contaminated environment	Anna Muratova Russian Academy of Sciences, Russia
	Adsorption of phenol, 3-nitrophenol and dyes from aqueous solutions onto an activated carbon column under semi-batch and continuous operation	I. Moraitopoulos, Z. Ioannou, J. Simitzis National Technical University of Athens School of Chemical Engineering, Greece
	Effect of Process Parameters on Aerobic Decolourization of Reactive Azo Dye using Mixed Culture	Kapil Kumar, M. G. Dastidar, T. R. Sreekrishnan Indian Institute of Technology, Hauz Khas, New Delhi, India
	Bioleaching of Heavy Metals from Sewage Sludge Using Indigenous Iron-Oxidizing Microorganisms: Effect of Substrate Concentration and Total Solids	Ashish Pathak, M. G. Dastidar, T. R. Sreekrishnan Indian Institute of Technology, Hauz Khas, New Delhi, India
	Environmental and Economic Scenario Analysis of the Redundant Golf Courses in Japan	Osamu Saito Waseda University, Japan
14:00 14:30	Lunch Break	
14:30 16:00	Chair: Oleg Grinchuk	Oral Session – III
	Multi-Agent Systems Applied in the Modeling and Simulation of Biological Problems: A Case Study in Protein Folding	Pedro Pablo Gonzalez Perez, Hiram I. Beltran Conde, Arturo Rojo-Dominguez, Maximo E. Sanchez Gutierrez Universidad Autonoma Metropolitana, Mexico
	Validation of an EEG Classification Procedure Aimed at physiological Interpretation	Guillard, Philippe, Laurent, Martinerie, Lachaux, Florence Institut de Recherche Biomédicale des Armées, France
	Magnetic contamination impact on iron acquisition system in bacteria culture – a fluorescence study	Dunca Simona. Creanga Dorina, Tufescu FI.M. Al. I. Cuza University Iasi, Romania
	The Branch and Prune Algorithm for the Molecular Distance Geometry Problem with Inexact Distances	Antonio Mucherino, Carlile Lavor Ecole Polytechnique, Palaiseau, France
	Parallel Implementation for Generalized method 1-D Biosignal Compression	Luz Angela Aristizábal Quintero Universidad Nacional de Colombia- Sede Manizales, Colombia
	Community detection-based analysis of the human interactome network	Razvan Bocu, Sabin Tabirca University College Cork, Ireland
	Computational design of inhibitory agents of BMP-Noggin interaction to promote osteogenesis	Shaila Ahmed, Raghu Prasad Rao Metpally, Sanjay Kumar, Sreedhara Sangadala & Boojala Vijay B Reddy, City University of New York, US
	Evaluation of the impact of dataset characteristics for classification problems in biological applications	Kanthida Kusonmano, Michael Netzer, Bernhard Pfeifer, Christian Baumgartner, Klaus R. Liedl, Armin Graber University for Health Sciences, Austria
	Integration of image and patient data, software and international coding systems for use in a mammography research project	V. Balanica, W.I.D. Rae, M. Caramihai, S. Acho and C.P. Herbst University POLITEHNICA Bucharest, Romania
	SeqWord Gene Island Sniffer: a program to study the lateral genetic exchange among bacteria	Bezuidt O., Lima-Mendez G. University of Pretoria, South Africa

	GeNS: a biological data integration platform	Joel Arrais, João E. Pereira, João Fernandes and José Luis Oliveira University of Aveiro, Portugal
	Oncogene identification using filter based approaches between various cancer types in lung	Michael Netzer, Michael Seger, Mahesh Visvanathan, Bernhard Pfeifer, Gerald H. Lushington, Christian Baumgartner University for Health Sciences, Austria
	Application of Magnetic Circuit and Multiple-Coils Array in Induction Heating for Improving Localized Hyperthermia	Chi-Fang Huang, Xi-Zhang Lin, and Yi-Ru Yang Tatung University, Taiwan
	Automatic segmentation of thigh magnetic resonance images	L.Urricelqui, A.Malanda and A. Villanueva Universidad Publica de Navarra, Spain
	Dimensionality reduction of PSSM matrix and its influence on secondary structure and relative solvent accessibility predictions	Rafal Adamczak Nicolaus Copernicus University, Poland
	Identification of complex sense-antisense gene's	Oleg Grinchuk Bioinformatics Institute, Singapore
16:00 16:15	Coffee Break	
16:15 18:00	Chair: Xuan Qi	Oral Session – IV
	2-D Lumped parameter model of axial flux permanent magnet generator: Investigations of convective thermal circuits	C.H. Lim, G. Airoidi, J.R. Bumby, R.G. Dominy, G.I. Ingram, K. Mahkamov, N.L. Brown, A. Mebarki and M. Shannel, Durham University, U. K.
	Difference of Properties on Surface Leakage and Discharge Currents of Porcelain Insulator Material	Waluyo, Ngapuli I. Sinisuka, Suwarno, Maman A. Djauhari Bandung Institute of Technology, Indonesia
	Worker Behavior Interpretation for Flexible Production	Bastian Hartmann, Christoph Schauer and Norbert Link Karlsruhe University of Applied Sciences, Germany
	Feed Automation Solutions for Sliding Table Saws	Jaroslav Cervenka, Czech Technical University in Prague, Faculty of Mechanical Engineering, Czech Republic
	Enhancing Student Evaluation Through Student Idol	Syarifah Fazlin Seyed Fadzir University Malaysia Pahang, Malaysia
	Redefining the Mathematical Learning Environment: Using computers to teach statistics to grade 7 learners	Saras Achary, R. Naidoo Durban University of Technology, South Africa
	Wideband Sixport VNA	Radek Dvorak, Tomas Urbanec Brno University of Technology, Czech Republic
	Multimodal Biometrics System using multiple classifiers for Effective Human Recognition	Rajendra K. Sharma U.P. Technical University, India
	System Identification and Performance Improvement to a Micro Gas Turbine Applying Biogas	Chun Hsiang Yang, Cheng Chia Lee and Chiun Hsun Chen National Chiao Tung University, Chun Hsiang
	Efficiency Reduction of the Dimensionality of Directional Overcurrent Relays Optimal Coordination Problem	Fouad Salha, X.Guillaud Ecole Centrale de LILLE, ENSAM CER LILLE, France
	System Identification and Performance Improvement to a Micro Gas Turbine Applying Biogas	Chun Hsiang Yang, Cheng Chia Lee and Chiun Hsun Chen National Chiao Tung University, Taiwan
	Calculus-based Runtime Verification	Xuan Qi, Changzhi Zhao Beijing Institute of System Engineering, P.R.China
	Defect Prevention and Detection of DSP-software	Shiwei Deng Beijing Institute of System Engineering, P.R. China
	Thursday: October 29, 2009	
09:00 11:00	Chair: Pavlos Metallinos	Oral Session – V
	Component Optimisation of Multiple D&B Bridge Projects: A Case Study in Sabah, Malaysia	CT.Ramanathan, S.P. Narayanan and Arazi B. Idrus University Technology Petronas, Malaysia
	Risk quantification for tunnel excavation process	J. Sejnoha, D. Jaruskova, O. Spackova, E. Novotna Czech Technical University, Prague, Czech Republic
	The Role of Local Government Authorities in Managing the Pre-Hospital Emergency Medical Service (EMS) Systems in Thailand	Chanisada Choosuk, Napisorn Memongkol, Runchana Sinthavalai, and Fareeda Lambensah, Prince of Songkla University, Thailand
	Development of Performance Indicators in Operational Level for Pre-hospital EMS in Thailand	Napisorn Memongkol, Runchana Sinthavalai, Nattapong Seneeratanaprayune Weerawat Ounsaneha and Chanisada Choosuk Prince of Songkla University, Thailand
	Impact of Fair Share and its Configurations on Parallel Job Scheduling Algorithms	Sangsuree Vasupongayya Prince of Songkla University, Thailand

	Stochastic Subspace Modelling of Turbulence	M.T.Sichani, B.J.Pedersen, S.R.K.Nielsen Aalborg university, Denmark
	Cellulolytic Microbial Activator Influence on Decomposition of Rubber Factory Waste Composting	Thaniya Kaosol, Sirinthrar Wandee Prince of Songkla University, Thailand
	The procedure of calculating the monetary price of a public technical work: the case of Greece	Pavlos Metallinos National Technical University of Athens, Greece
11:00 11:15	Coffee Break	
11:15 13:00	Chair: Masao Yoshinari	Oral Session – VI
	A Variation of Morphological and Mechanical Characteristics from Thoracic to Lumbar Vertebral Trabecular Bone	Tae Woo Lee, Dae Gon Woo, Chang-Young Ko and Han Sung Kim Yonsei University, Republic of Korea
	Numerical simulation of restenosis in a stented coronary artery	Weronika Kurowska-Nouyrigat ,Jacek Szumbariski Warsaw University of Technology, Poland
	Temporal analysis of magnetic nerve stimulation—towards enhanced systems via virtualization	Stefan Goetz TU Muenchen, Germany
	Influence of Calcium Intake Level to Osteoporotic Vertebral bone and Degenerated Disc in Biomechanical Study	Dae Gon Woo, Ji Hyung Park, Chi Hoon Kim, Tae Woo Lee, Beob Yi Lee, Han Sung Kim, Yonsei University, South Korea
	Realignment of f-actin Cytoskeleton in Osteocytes after Mechanical Loading	R.S.A. Nesbitt, J. Macione, E. Babollah, B. Adu-baffour, S.P. Kotha University of Connecticut, USA
	Bone Generation through Mechanical Loading	R.S.A. Nesbitt, J. Macione, A Debroy, S.P. Kotha University of Connecticut, USA
	Low Intensity Pulsed Ultrasound Stimulation of 3T3 Fibroblast Encapsulated Alginate	Siti Pauliena University of Birmingham, United Kingdom
	Forgotten Costs: The Dilemma of Medical Equipment Economy in Developing Countries	Mohammad Samir Tuleimat King Saud University, Kingdom of Saudi Arabia
	Temporal analysis of magnetic nerve stimulation—towards enhanced systems via virtualization	Stefan Goetz TU Muenchen, Germany
	Effect of Cold Plasma-Surface Modification on Surface Wettability and Initial Cell Attachment	Masao Yoshinari, Jianhua Wei, Kenichi Matsuzaka, and Takashi Inoue Tokyo Dental College, Japan
14:00 14:30	Lunch Break	
14:30 16:00	Chair: Zhanna Mingaleva	Oral Session – VII
	Critical Analysis of Success Factors of Indian Telecom Service Providers	Aayushi Gupta, Santoshi Sen Gupta, Mayank Aggarwal Jaypee Institute of Information Technology University, India
	The impact of specific influencers in the purchase of luxury goods among the resident Arab community in the UAE	K.Prakash Vel, Alia Captain and Rabab Al Abbas University of Wollongong in Dubai, United Arab Emirates
	The Impact of Subsequent Stock Market Liberalization on the Integration of Stock Markets in ASEAN-4 + South Korea	Noor Azryani Auzairy & Rubi Ahmad University Malaya & University Kebangsaan Malaysia, Malaysia
	Effect of Shared Competences in Industrial Districts on Knowledge Creation and Absorptive Capacity	César Camisón, Beatriz Forés, Alba Puig Universitat Jaume I, Spain
	Institutional Aspects of Information Security in Russian Economy	Mingaleva Zhanna, Podgornova Evgeniya, Gayfutdinova Oksana Perm state university, Russia
	Forming of Institutional Mechanism of Region's Innovative Development	Mingaleva Zhanna, Gayfutdinova, Podgornova Perm state university, Russia
	Framework of Malaysian Knowledge Society: Results from Dual Data Approach	Norsiah Abdul Hamid, Halimah Badioze Zaman Universiti Kebangsaan Malaysia, Malaysia
	Towards a Framework to Analyze Causal Relations From Digital Information Networks To Micro Economic Productivity	A. Madureira, N. Baken and H. Bouwman Delft University of Technology, Netherlands
	Predicting Bankruptcy using Tabu Search in the Mauritian Context	J Cheeneebash; K Lallmamode; A Gopaul University of Mauritius, Mauritius
	Adaptive Neuro-Fuzzy Inference System for Financial Trading using Intraday Seasonality Observation Model	Abdalla Kablan University of Essex, United Kingdom
	Futures Trading: Design of a Strategy	Jan Zeman Institute of Information Theory and Automation, Czech Republic

	Study of a BVAR(p) process applied to U.S.commodity market data	Jan Sindelar Institute of Information Theory and Automation, Academy of Sciences of the Czech Republic, Czech Republic
	How Celebrities Can Be Used in Advertising to the Best Advantage	Laimona Sliburyte Kaunas University of Technology, Lithuania
Friday: October 30, 2009		
09:00 11:00	Chair: Giovanni Incerti	Oral Session – VIII
	ZMP Based Reference Generation for Biped Walking Robots	Kemalettin Erbatur, Ozer Koca, Evrim Taskiran, Metin Yilmaz, Utku Seven, Sabanci University, Turkey
	LQR and SMC Stabilization of a New Unmanned Aerial Vehicle	Kaan T. Oner, Ertugrul Cetinsoy, Efe Sirimoglu, Cevdet Hancer, Taylan Ayken, Mustafa Unel, Sabanci University, Turkey
	Attitude and Position Stabilization Controller for a Double-Ducted VTOL UAV Based on a MARC Control Structure for Obstructed Environments	Sundeeep S. Dhaliwal and A. Ramirez-Serrano University of Calgary, Canada
	Unsteady Aerodynamic Modeling for Parameter Estimation	Rakesh Kumar Indian Institute of Technology, Kanpur (UP), India
	Realization of Design Features for Linear Flow Splitting in NX 6	Schüle, Anselm; Rollmann, Thomas; Anderl, Reiner; Technische Universität Darmstadt, Germany
	Funding Structurizatin in Relation withLevel of Importance on Formulating Indonesian National Standard; Maintenance Function's Performance Evaluating Using adapted Balance scorecard model	Arfan Bakhtiar, Ary arvianto, Ikepermata Sari; Arfan Bakhtiar, Bambang Purwanggono, Nur Metasari Diponegoro University, Indonesia
	The Role of Internal Function of Organization for the Successful Implementation of Good Corporate Governance	Aries Susanty Universitas Diponegoro, Indonesia
	Application of response surface methodology in parametric optimization of induction hardening material during normalized condition	Amit Kohli D.A.V. Institute Of Engineering And Technology, affiliated P.T.U., India
	Using stresses obtained from a low detailed FE model and located at a reference point to quickly calculate the free-edge stress intensity factors of bonded joints	MAAMAR Fatouma , SARTOR Marc Unversité Paul Sabtier, France
	Introducing fast robot roller hemming process in automotive industry	Babak Saboori, Behzad Saboori, Johan S. Carlson, Rikard Söderberg Chalmers University of Technology, Sweden
	A New Hybrid Method to Correct for Wind Tunnel Wall- and Support Interference On-Line	B.J.C. Horsten Delft University of Technology, The Netherlands
	Engine Power Effects on Support Interference	B.J.C. Horsten Delft University of Technology, The Netherlands
	Investigation of a transition from steady convection to chaos in porous media using piecewise variational iteration method	Mohamed M. Mousa, Aidarkhan Kaltayev and Shahwar F. Ragab Al-Farabi Kazakh National University, Almaty, Kazakhstan
	Numerical simulation of thermoreversible polymer gel filtration	Said F. Urmanceev, Victor N. Kireev, and Svetlana F. Khizbullina Russian Academy of Sciences, Russia
	Influence of Type of Burner on NOx Emission Characteristics from Combustion of Palm Methyl Ester	Nozomu Hashimoto, Hiroyuki Nishida, Yasushi Ozawa, Tetsushiro Iwatsubo and Jun Inumaru, Central Research Institute of Electric Power Industry, Japan
	Amplification of Compression Waves in Clean and Bubbly Liquid	R.I.Nigmatulin, R.Kh.Bolotnova, N.K.Vakhitova, A.S.Topolnikov, S.I.Konovalova, N.A.Makhota, Russian Academy of Sciences, Russia
	A Nonlinear Observer of an Electrical Transformer: A Bond Graph Approach	Gilberto Gonzalez University of Michoacan, Mexico
	Parametric Primitives for Hand Gesture Recognition	Sanmohan, Volker Krueger Copenhagen Institute of Technology, Copenhagen, Denmark
	Dynamic optimization of industrial servomechanisms using motion laws based on Bezier curves	Giovanni Incerti University of Brescia, Italy
11:00 11:15	Coffee Break	
11:15 13:00	Chair: Jing Lu	Oral Session – IX
	Quantum Mechanical Effects in Mosfets	Amit Chaudhry and J.N. Roy Panjab university, India

	Three Dimensional MEMS Supercapacitor Fabricated by DRIE on Silicon Substrate	Wei Sun Vestfold University College, Norway
	Mechanical and chemical reliability assessment of silica optical fibres	Irina Severin, M. Caramihai, K. Chung, G. Tasca, T. Park University POLITEHNICA Bucharest, Romania
	Comparative Evaluation of Color-Based Video Signatures in the Presence of Various Distortion Types	Aritz Sánchez de la Fuente, Fraunhofer Institute for Telecommunications Heinrich-Hertz-Institut, Germany
	E-Commerce Adoption and Implementation in Automobile Industry: A Case Study	Amitrajit Sarkar Christchurch Polytechnic Institute of Technology, New Zealand
	Contact Stress Analysis of Spur Gear Teeth Pair	Ali Raad Hassan Iraqi International University for Science and Technology, Basra, Iraq
	Electronic tool that helps in learning how to play a flute	Katherine Galeano Romero Universidad Distrital Francisco Jose de Caldas, Colombia
	A Discrete-Event-Simulation Approach for Logistic Systems with Real Time Resource Routing and VR Integration	G. Alves, J. Rossmann, R. Wischnewski Germany
	Gait Recognition System: Bundle Rectangle Approach	Edward Guillen, Daniel Padilla, Adriana Hernandez, Kenneth Barner Nueva Granada Military University, Colombia
	Defining Programming Problems as Learning Objects	José Paulo Leal, Ricardo Queirós University of Porto, Portugal
	Predictors of Academic Achievement of Student ICT Teachers with Different Learning Styles	Deniz Deryakulu Ankara University, Turkey
	Multidimensional Performance Management	David Wiese Friedrich-Schiller-University Jena, Germany
	Concurrency in Web Access Patterns Mining	Jing LU, Malcolm Keech, Weiru Chen Southampton Solent University, UK
14:00 14:30	Lunch Break	
14:30 16:00	Chair: Anatol Pashkevich	Oral Session – X
	Computational Algorithm for Obtaining Abelian Subalgebras in Lie Algebras	Manuel Ceballos, Juan Núñez, Ángel Francisco Tenorio University of Seville, Spain
	Lipschitz continuity of the solutions to team optimization problems revisited	Giorgio Gnecco, Marcello Sanguineti University of Genoa, Italy
	Design and Construction of a Heat Collection Solar Tracker with Constant Focal Distance for Solar Stirling Engine Application	T. C. Cheng, C. H. Cheng, Y. H. Mou, Y. J. Yu, K. C. Chang, S. J. Shih, T. S. Lee and K. M. Chung National Kaoshiung Univ. of Applied Sci., Taiwan
	Optimum Control Strategy of Three-Phase Shunt Active Filter System	Mihaela Popescu, Alexandru Bitoleanu, Mircea Dobriceanu, Vlad Suru University of Craiova, Romania
	Control Algorithm for Shunt Active Power Filter using Synchronous Reference Frame Theory	C.J. Msigwa, B.J.Kundy and B.M.M. Mwinyiwiwa University of Dar es Salaam, Tanzania
	The Performance Improvement of Automatic Modulation Recognition Using Simple Feature Manipulation, Analysis of the HOS, and Voted Decision	Heroe Wijanto, Sugihartono, Suhartono Tjondronegoro, Kuspriyanto Institut Teknologi Telkom, Indonesia
	Application of spreadsheet and queuing network model to capacity optimization in product development	Muhammad Marsudi, Dzuraidah Abd. Wahab, Che Hassan Che Haron Tun Hussein Onn University of Malaysia, Malaysia
	BIBD's for $(13,5,5)$, $(16,6,5)$ and $(21,6,4)$ Possessing Possibly an Automorphism of Order 3	Ivica Martinjak, Mario-Osvin Pavcevic University of Zagreb, Croatia
	New Product Development Process on High-Tech Innovation Life Cycle	Gonçalo G. Aleixo, Alexandra B. Tenera Universidade Nova de Lisboa, Portugal
	The Foundry Industry Problems a Study on the Basic Problems of the Small and Medium Enterprises in Bangkok and Western Part Province	Thepnarintra Praphanphat Rajamangala University of Technology Suvarnabhumi Nonthaburi Centre, Thailand
	Project Portfolio Management Phases: A technique for Strategy Alignment	António Manuel Pereira da Silva Amaral Minho University, Portugal
	Design considerations of scheduling systems suitable for PCB manufacturing	Oscar Fernandez-Flores, Tony Speer and Rodney Day University of Hertfordshire, United Kingdom
	Enhanced QoS Mechanisms for IEEE 802.11e Wireless Networks	Ho-Ting Wu, Min-Hua Yang, Kai-Wei Ke, Lei Yan National Taipei University of Technology, Taiwan

	Doppler Shift Compensation of Quadrature Amplitude Modulated Signals at Quadrature Baseband Compared to Radio Frequency	Lusungu Ndovi Copperbelt University, Zambia
	VoIP Networks Performance Analysis with Encryption Systems	Edward Guillen, Diego Chacon Military University Nueva Granada, Colombia
	A Power Reduction Technique for Bist Using Modified LFSR	Soundrapandian & Mayank Shakya, Indian Institute of Information Technology Design and Manufacturing, India
	Development of Improved Three Dimensional Unstructured Tetrahedral Mesh Generator	Mohd Zamri Yusoff, Ng Yee Luon, Norshah Hafeez Shuaib Universiti Tenaga Nasional, Malaysia
	Mesurement of Lift using Laser Doppler Velocimeter	Parag J Deshpande and Sharma S D Indian Institute of Technology Bombay, Mumbai, India
	Effect of Initial Conditions on Aerodynamic and Acoustic Characteristics of High Subsonic Jets from Sharp Edged Circular Orifice	Murugan K N, Sharma S D Indian Institute of Technology Bombay, India
	Nonlinear Effects in Stiffness Modeling of Robotic Manipulators	A. Pashkevich, A. Klimchik, D. Chablat Ecole des Mines de Nantes, France
09:00 16:00	October 28-30, 2009	
09:00 16:00	Chair: Karen Armstrong	e - Session – XI
	Complexity Reduction in MMSE and ML Decision Directed Channel Estimation for OFDM	Niraj Shakhakarmi Prairie View A & M University, TX, US
	Mobile Phone Services in Makkah, Saudi Arabia	Mohammed Simsim Umm Al-Qura University, Saudi Arabia
	The Continuous time Time Spectra transform (CTTS)	Ahmed M. Alaa Cairo University, Egypt
	Novel Microwave LNA design Method Using Adaptive Network Fuzzy Inference Optimizer	Samad Nejatian, Vahid Asadpour, Mohammad Hossein Neshati Sadjad Institute of Higher Educations, Iran
	Study on Position Polarity Compensation for Permanent Magnet Synchronous Motor Based on High Frequency Signal Injection	Gu Shan-Mao, He Feng-You, Ye Sheng-Wen, Ma Zhi-Xun China University of Mining and Technology, China
	AIS Design based on Service - Oriented Architecture SOA	Yan-fang Niu Shandong Financial Institue of ShanDong Province, China
	CFD simulation of Pressure Drops in Liquid Acquisition Device Channel with Sub-Cooled Oxygen	David J. Chato, John B. McQuillen, Brian J. Motil, David F. Chao, Nengli. Zhang ;Ohio Aerospace Institute at NASA Glenn Research Center, U.S.A.
	Experimental Investigation of Hydraulics of Flow In Bottom Intake Structures an Alternative for Intake of Small Hydro power	M.Shafai Islamic Azad University,Ahwaz, Iran
	Stimulation of storing reservoirs by use of HEC-ResSim software	Amirabbas Kamanbedast, R.Ghasemi, R.Aghamajidi Islamic Azad University,Ahwaz, Iran
	Finite Element Analysis of Thin Steel Plate Shear Walls	Mohammad Lashgari Azad University of Kermanshah, Iran
	Simulation of Thermal Storage Phase Change Material in Buildings	Samira Haghshenaskashani, Hadi Pasdarsahri Tarbiat Modares University, Iran
	Robot Vision Application Based on Complex 3D Pose Computation	F. Rotaru, S. Bejinariu, C.D. Nita, R. Luca, I. Pavaloi and L.C. Lazar Institute of Computer Science, Romanian Academy, Romania
	A new history based method to handle the recurring concept shifts in data streams	Hossein Morshedlou, Ahmad Abdollahzade Barforush AmirKabir University of Technology, Iran
	Evolution of Developing Flushing Cone during the Pressurized Flushing in Reservoir Storage	Mohammad Ebrahim Meshkati Shahmirzadi- Amir Ahmad Dehghani-Gholamreza Naser,Samad Emamgholizadeh,Abolfazl Mosaedi; The Gorgan University of Agriculture Sciences & Natural Resources, Iran
	A New Model of English-Vietnamese Bilingual Information Retrieval System	Chinh Trong Nguyen, Dang Tuan Nguyen University of Information Technology, VNU-HCM, Vietnam
	Detecting Community Structure in Amino Acid Interaction Networks	Omar Gaci, Stefan Balev And Antoine Dutot Le Havre University, France
	Computer-Aided Analysis of Flow in a Rotating Single Disk	M. Shanbghazani, V. Heidarpoor, I. Mirzaee Islamic Azad University, Ilkhchi Branch, Iran
	Traveling Wave Effect on Nonlinear Seismic Response of Concrete	Hasan Mirzabozorg and Mehdi Varmazyari KN Toosi University of Technology, Iran

	Stator-Flux-Oriented Based Encoderless Direct Torque Control for Synchronous Reluctance Machines Using Sliding Mode Approach	J. Soltani, H. Abootorabi Zarchi, and Gh. R. Arab Markadeh Islamic Azad University – Khomeinishahr Branch, Isfahan, Iran
	Sensorless Control of a Six-Phase Induction Motors Drive Using FOC in Stator Flux Reference Frame	G. R. Arab Markadeh, J. Soltani, N. R. Abjadi, M. Hajian Shahrekord University, Iran
	A modification on some improved Newton's method without direct function evaluations	Behzad Ghanbari, Jafar Biazar Guilan university, Iran
	Solution of nonlinear second-order pantograph equations via differential transformation method	Nemat Abazari, Reza Abazari Islamic Azad university-Ardabil Branch, Ardabil, Iran
	Effect of radiator positions on heat distribution in the building using numerical model	Tahershamsi Ahmad, Geranmehr Mahyar, Karimae Mojtaba, Mahboubi Jamshid, AmirKabir University of Technology, Iran
	Adaptive Control of 2-link Pay-loaded Manipulator	Hamid Keivani, Mohammad Askari islamic azad university, kazerun Branch, Iran
	Bending Gradient Coefficient Correction for I-Beams	Hamid Reza Kazemi nia Korrani- Abbas Jokar-Mehdi Mansouri Amir Kabir University Of Technology (Tehran polytechnic), Iran
	Cloud Computing: Changing Cogitation about Computing	Mehrdad Mahdavi Boroujerdi, Soheil Nazem Islamic Azad University, Najafabad Branch, Iran
	The Semantic Web: a New Approach for Future World Wide Web	Sahar Nasrolahi, Mahdi Nikdast, Mehrdad Mahdavi Boroujerdi Islamic Azad University, Najafabad Branch, Iran
	A dual method for solving general convex quadratic programs	Belkacem BRAHMI and Mohand Ouamer BIBI University of Tizi-Ouzou, Algeria
	Order Penetration Point Location Using Fuzzy Quadratic Programming	Hamed Rafiei, Masoud Rabbani University of Tehran, Iran
	An MADM Framework toward Hierarchical Production Planning in Hybrid MTS/MTO Environments	Hamed Rafiei, Masoud Rabbani University of Tehran, Iran
	Order Partitioning in Hybrid MTS/MTO Contexts Using Fuzzy ANP	Hamed Rafiei, Masoud Rabbani University of Tehran, Iran
	Project Selection Using Fuzzy Group Analytic Network Process	Hamed Rafiei, Masoud Rabbani University of Tehran, Iran
	Improvement of Gregory's formula using Particle Swarm Optimization	N. Khelil. L. Djerou , A. Zerarka and M. Batouche University Med Khider at Biskra, Algeria, Algeria
	Design and Analysis of a Novel 8-DOF Hybrid Manipulator.	H. Mohammadipanah and Hassan Zohoor Sharif University of Technology, Iran
	Exploring and Evaluating Relationship between Brand Country of Origin Knowledge and Country of Origin Image	Mir Behzad Feizbakhsh Islamic Azad University, Central Tehran Branch, Iran
	Building a Strong Healthcare Brand	Seyedeh Sanaz Saeidian Amirkabir University of Technology, Iran
	A Parametric Assessment of Friction Damper in Eccentric Braced Frame	J. Vaseghi, S. Navaei, B. Navayinia, F. Roshantabari Babol University of Technology, Iran
	A Study on the effects of thermodynamic non-ideality and mass transfer on multi-phase hydrodynamics using CFD methods	Bozorgmehry Boozarjomehry Ramin, Pishvaie Mahmoud Reza, Tavasoli Ahmad; Research Institute of Petroleum Industries, Iran
	A Methodological Approach for Detecting Burst Noise in the Time Domain	Liu Dan, Wang Xue, Wang Guiqin and Qian Zhihong College of Communication Engineering, Jilin University, China
	Evaluation of Eulerian and Lagrangian method in analysis of concrete gravity dam including dam water foundation interaction	L. Khan Mohammadi, J. Vaseghi Amiri, B. Navayi neya , M. Davoodi Babol University of Technology, Iran
	Influence of Silica Fume on High Strength Lightweight Concrete	H. Katkhuda, B. Hanayneh and N. Shatarat The Hashemite University, Jordan
	Evaluation of Tension Capacity of Pile (Case Study in Sandy Soil)	Shooshpasha I., Kiakojoori M., and Mirzagoltabar R. A Babol Noshirvani University of Technology, Iran
	Unramified Quadratic Extensions of Quintic Fields	Selmane Schehrazad University of Sciences and Technology of Algiers, Algeria
	Evaluation Earthquake Maximum Acceleration for Sisakht City Firestation Building	Mohammad Hassan Khalilpasha , Aliraza Mirzagoltabar Roshan Islamic Azad University, Branch Jouybar, Iran
	Study and evaluation of added stresses under foundation due to adjacent structure	Alireza M. goltabar, Issa shooshpasha ,Reza Shamstabar kami , Mostafa Habibi, Babol Noshirvani University of technology, Iran

	Evaluation Magnitude Earthquake for Sisakht City Firestation Building	M.H.Khalilpasha, A.M.Goltbar Roshan Islamic Azad University of Iran ,branch Jouybar, Iran
	Using of Latin Router for Routing Wavelength with Configuration Algorithm	Ali Habiboghli,Rouhollah Mostafaei, Mohammad.R Meybodi Islamic Azad University of KHOY Branch, Iran
	Controlling 6R Robot by Visionary System	Azamosadat Nourbakhsh, Moharram Habibnezhad Korayem Islamic Azad University, Lahijan Branch, Iran
	An Investigation of The Effect of The Different Mix Constituents on Concrete Electric Resistivity	H. M. Ghasemzadeh ,Y.Mohammadi, Gh. Nouri, S.E. Nabavi University of Mohaghegh Ardabili, Iran
	Evolution of Collective Intelligence in Multi-Agent Robotics	Fatma Mohamed Farid Zada, Arab Academy for Science and Technology & Maritime Transport, Egypt
	Description and Analysis of Embedded Firewall Techniques	Ahmed Abou Elfarag, A. Baith M., and Hassan H. Alkhashali Arab Academy for Science and Technology, Egypt
	Design and Simulation of UWB TEM Horn Antenna In the frequency band of 0.5-10.1 GHz	Seyed Alireza Hashemi, Dr.Alireza Mallahzadeh Islamic azad University of Bushehr,Iran
	Increasing Directional Intensity of Output Light Beam from Photonic Crystal Slab Outlet Including Micro Cavity Resonators	A. Mobini, K. Saghafi, V. Ahmadi Shahed University, Iran
	Redundancy in Steel Frames with Masonry Infill Walls	Hosein Ghaffarzadeh, Robab Naseri University of Tabriz, Iran
	Nonlinear analysis of shear wall using finite element model	M. Ali Ghorbani, M. Pasbani Khiavi and F. Rezaie Moghaddam University of Mohaghegh Ardabili, Iran
	Dynamic Analysis of Porous Media using Finite Element Method	M. Pasbani Khiavi, A. R. M. Gharabaghi and K. Abedi Sahand University of Technology, Iran
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	A closed form solution for hydrodynamic pressure of gravity dams reservoir with effect of viscosity under dynamic loading	B. Navayineya, J. Vaseghi Amiri and M. Alijani Ardeshir Babol University of Technology, Iran
	A Low Complexity Frequency Offset Estimation for MB-OFDM based UWB Systems	Wang Xue, Liu Dan, Liu Ying, Wang Molin, Qian Zhihong JiLin University, China
	Frequency-Offset Estimation Scheme for the Uplink of IFDMA Multiple Access System	Mahmoud M. Elmesalawy, Gamal Abd Elfadeel, Ibrahim I. Ibrahim Helwan University, Egypt
	Cost optimized CO2 pipeline transportation grid: A case study from Italian Industries	Prateek Bumb Indian Institute of Technology, Kharagpur, India
	Artificial Neural Network Based Software Defect Prediction	Shafiq ur Rehman, Naveed Ejaz, Zahid Halim and Jan E Alam FAST-National University, Pakistan
	Design and Simulation of UWB TEM Horn Antenna In the frequency band of 0.5-10.1 GHz	Seyed Alireza Hashemi , Dr.Alireza Mallahzadeh Islamic azad University of Bushehr, Iran
	Using Mixed Amine Solution for Gas Sweeting	Hassan Zare Aliabadi Islamic Azad University, Shahrood Branch, Iran
	Experimental and Numerical analysis of flow and heat transfer in a gas- liquid thermosyphon heat exchanger in a pilot plant	Hassan Zare Aliabadi Islamic Azad University, Shahrood Branch, Iran
	Optimization and Determination of process parameters in thin film SOI Photo-BJMOSFET	Hai-Qing Xie, Yun Zeng, Yong-Hong Yan, Guo-Liang Zhang, Tai-Hong Wang, Hunan University, China
	Identification of Nonlinear Predictor and Simulator Models of a Cement Rotary Kiln by Locally Linear Neuro-Fuzzy Technique	Masoud Sadeghian, Alireza Fatehi Sharif University of Technology. International Campus, Iran
	Object Identification with Color and Texture in CBIR System	Muhammad Ali, Awais Adnan Institute of Management Sciences, Pakistan
	Influence of Silica Fume on High Strength Lightweight Concrete	H. Katkhuda, B. Hanayneh, N. Shatarat The Hashemite University, Jordan
	Ranking performance measurement systems with multi attribute decision making	Bettina Zargini Azad University of Qazvin/ Petro Nasb, Iran
	Stability and Predictability of Betas in Pakistani Context	Shahid Ali Institute of Management Sciences, Pakistan
	Flow Discharge Determination in Straight Compound Channels using ANNs	A. Zahiri, Gorgan University of Agricultural Sciences and Natural Resources, Iran
	Approximate Method of Calculation of Inviscid Hypersonic Flow	Fatemeh Sokhanvar, Amir Khoshnevis Sabzevar Tarbiyat Moallem University, Iran

	Investigation of Self-Similarity Solution for Wake Flow of a Cylinder	Amir Khoshnevis, Farzaneh Zeydabadi, Fatemeh Sokhanvar Sabzevar Tarbiyat Moallem University, Iran
	Energy Recovery Soft Switching Improved Efficiency Half Bridge Inverter for Electronic Ballast Applications	Arash Yazdanpanah Goharrizi Islamic Azad University, Karaj, Iran
	Stability and Predictibility of Betas in Pakistani Context	Shahid Ali, Ashfaq Habib, Sajid Mehmood Institute of Management Sciences Peshawar, Pakistan
	Social Anthropology of Convergence and Nomadic Computing	Emilia Nercissians Dept. of Anthropology, University of Tehran, Iran
	Evolutionary Cobreeding of Cooperative and Competitive Subcultures	Emilia Nercissians Dept. of Anthropology, University of Tehran, Iran
	Identification, Prediction and Detection of the Process Fault in a Cement Rotary Kiln by Locally Linear Neuro-Fuzzy Technique	Masoud Sadeghian, Alireza Fatehi Sharif University of Technology, International Campus, Iran
	Carbonate Microfacies Analysis of Sinjar Formation from Qara Dagh Mountains, South-West of Sulaimani City, Kurdistan Region, Iraq	Heyam Daod Sulaimani University, Iraq
	A framework for building Vietnamese language query processing components in e-library searching systems	Dang Tuan Nguyen, Ha Quy-Tinh Luong University of Information Technology, Vietnam
	3D Numerical Simulation of Scouring Around Bridge Piers (Case Study: Bridge 524 crosses the Tanana River)	Amir Ahmad Dehghani, Gorgan University of Agricultural Sciences and Natural Resources, Iran
	A Technique for Evaluating Inventory Control Policies of a Two-Echelon Supply Chain	Mahmoud A. El-Sharief, Mechanical Engineering Department, Faculty of Engineering, Assiut University, Egypt
	Improving Spatiotemporal Change Detection: A High Level Fusion Approach for Discovering Uncertain Knowledge from Satellite Image Databases	Wadii Bouilila, Imed Riadh Farah, Karim Saheb Ettabaâ, Basel Solaiman, and Henda Ben Ghézala National School of Computer Sciences, Tunisia
	Oily compounds removal in wastewater treatment system of Pars oil Refinery to improve its efficiency in a Lab Scale Pilot	N.Otadi, A.H. Hassani, A.H. Javid, F.F.Khiabani Islamic Azad University, Iran
	A new distribution network reconfiguration approach using a tree model	Eisa Dolatdar , S.Soleymani , B.Mozaffari Islamic Azad University Science and Research Branch, Tehran, Iran
	Calculation of Steady State Characteristics of Three-Phase Induction Motor Under Unbalanced Supply Voltage and Unbalanced Mechanical Angle between Windings	Tushar Batra Punjab Engineering College, India
	Creative Technology as Open Ended Learning Tool: A Case Study of Design School in Malaysia	Sri Kusumawati Mohd Daud, Fauzan Mustaffa, Hanafizan Hussain, Md Najib Osman, Multimedia University Cyberjaya, Malaysia
	The solutions for improving the power quality in distribution networks	Mohammadreza Askari Islamic Azad University, Sarvestan Branch, Iran
	Replacing Fibre Reinforced Concrete with Bitumen Asphalt in Airports	Y.Mohammadi, H. M. Ghasemzadeh, T.B. Talari, M.A. Ghorbani University of Mohaghegh Ardabili, Iran
	Removal of phenylurea herbicides from waters by using chemical oxidation treatments	F. Javier Benitez, Carolina Garcia, Juan Luis Acero and Francisco J. Real ; University of Extremadura, Spain
	Fluidized Bed Reactor-A Kinetic Model	Aworo Harrison, Ejiogu Charles Kogi State University, Anyigba, Nigeria
	Evaluation of reflection cracks in flexible pavements with additives using modified wheel tracking apparatus	Ghandi Ganym Soifia, Hanaa Al-Baiti Al-Mustansiriya University, Iraq
	Effect of Loading on Permanent Deformation in flexible pavements	Ghandi Ganym Soifia, Rana A.Yousif Al Mustansiriyah University, Iraq
	Characterization of responsivity, sensitivity and spectral response in thin film SOI photo-BJMOSFET compatible with CMOS technology	Hai-Qing Xie, Yun Zeng, Yong-Hong Yan, Jian-Ping Zeng, Tai-Hong Wang Hunan University, China
	Evolutionary Computation technique for solving Riccati differential equation of arbitrary order	Raja Muhammad Asif Zahoor, Junaid Ali Khan, I. M. Qureshi International Islamic University Islamabad Pakistan, Pakistan
	Finite Volumes Analysis of a Supersonic Non-Equilibrium Flow around the Axisymmetric Blunt Body	R. Haoui University of Sciences and Technology Houari Boumediene, Algeria
	Efficacy and Safety of Inhaled Zanamivir in the Prevention of Influenza in Community-Dwelling, High-Risk Adult and Adolescent Subjects: A 28-day, Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial	Sabesan Muthukumar Annamalai University, India
	From I.A Richards to Web 3.0: preparing our students for tomorrow's world	Karen Armstrong York University, Faculty of Education, Canada
	Technical Equipment 1- Laptop Computer 2- LCD Data Projector 3- USB Flash Drive - Memory 4- CD/DVD-ROM Drive	5- PowerPoint Presentation Remote with Laser Pointer 6- PowerPoint Presentation/ Acrobat Reader Software 7- Each Technical Presentation is 20 Minutes including Discussions