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#### CONFERENCE OBJECTIVES

The main objective of this conference is to provide an international scientific forum for engineers, scientists, academicians, and researchers to present the result of their recent research activities in the field of applied science, engineering and technology, as well as human and social sciences. The primary focus of the conference is to create an effective medium for institutions and industries to share ideas, innovations and problem solving techniques.



# WASET 2011 WINTER INTERNATIONAL CONFERENCE

Holiday Inn Hotel, Dubai, United Arab Emirates, January 25-27, 2011

## Scientific Research and Experimental Development

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#### WASET 2011 CONFERENCE CALENDAR

Dubai, UAE, January 25-27, 2011  
February, MY, February 22-24, 2011  
Bangkok, TH, March 29-31, 2011  
Venice, IT, April 27-29, 2011  
Tokyo, JP, May 25-27, 2011  
Paris, FR, June 28-30, 2011  
Amsterdam, NL, July 13-15, 2011  
Paris, FR, July 27-29, 2011  
London, UK, August 15-17, 2011  
Tokyo, JP, August 24-26, 2011  
Singapore, SG, September 28-30, 2011  
Bali, ID, October 26-28, 2011  
Venice, IT, November 23-25, 2011  
Phuket, TH, December 21-23, 2011

**WASET 2011 DUBAI, UNITED ARAB EMIRATES**



**WASET 2011**

January 25-27, 2011  
Dubai, United Arab Emirates

**WASET 2011 PROGRAM  
CONFERENCE PROCEEDINGS**  
[www.waset.org/journals/waset](http://www.waset.org/journals/waset)

**CONFERENCE VENUE**

**Holiday Inn Hotel**  
Dubai-Downtown Dubai  
Al Rigga Street, Deira, Dubai 29499  
UAE  
Tel: 971-4-2288889  
Fax: 971-4-2288866

**Tuesday: January 25, 2011**

**Welcome & Registration at 08:30-09:00**

<b>Time</b>	<b>Paper Title</b>	<b>Authors</b>
<b>09:00 09:30</b>	<b>Invited Talk :</b> Towards A Cloud Computing Research Trends	Mohamed Fahmy Tolba Ain Shams University, Egypt
<b>09:30 11:00</b>	<b>Chair : Ahmad-Ur-Rahman Saljoqi</b>	<b>Session – I (Oral Presentation) – HALL A January 25, 2011</b>
	Real-Time Physics Simulation Packages: An Evaluation Study	Jalila Zouhair, David Ellison University of Abertay Dundee, UK
	A Novel Receiver Algorithm for Coherent Underwater Acoustic Communications	Liang Zhao, Jianhua Ge Xidian University, China
	Implementation of the Algorithm of Detecting Falls and Classifying the Direction of Falls Using 3-axial Accelerometer	Ahyoung Jeon, GeunChul Park, Junghoon Ro, Gyerok Jeon Pusan National University, South Korea
	Estimated Production Potential Types of Wind Turbines Connected to the Network Using Random Numbers Simulation	Saeid Nahi, Seyed Mohammad Hossein Nabavi Islamic Azad University- Ilkhchi Branch, Iran
	Extending MOLFOP Method for Balancing the LV Distribution Network Loads with Variable Power Factor	A.Raminfard, S.M.Shahrtash Iran University of Science and Technology, Iran
	Mitigation of Flicker using STATCOM With Three-Level 12-pulse Voltage Source Inverter	Ali Za'fari Islamic Azad University, Neka Branch, Iran
	Web Page Watermarking: XML files using Synonyms and Acronyms	Nighat Mir, Sayed Afaq Hussain Effat University, Saudi Arabia
	Programmable Electrical Stimulation Pattern Generator	J. S. Nah, A. Y. Jeon, G. C. Park, J. H. Ro, G. R. Jeon Pusan National University, South Korea
	Photovoltaic Micro Power Placement in Bushehr Province Distribution Network for Burning Transformer Reduction and Increasing Network Capacity	Babak Ranjbar, Ali Nahari, Rahman Dashti Islamic Azad University, Bushehr Branch, Iran
	Providing Suitable Models For Digital Simulation Of Very Fast Electromagnetic Transient In Gas Insulated Substations	Seyed Vali Heidari, Mostafa Ahmadzadeh, Said Mohamadzadeh Islamic Azad university Mahshahr Branch, Iran
	Two-level Transplant Evolution for Optimization of General Controllers	Osmera P., Weisser R., Seda M., Roupec J. Brno University of Technology, Czech Republic
<b>11:00 11:15</b>	<b>Coffee Break</b>	
	Predictive Torque Control Of Induction Machines Based on Current Observer	S.S. Mortazavi, N. Vahdatifar, S. Aminzadeh, A. Saidian, R. Kianinezhad, D. Zaravi Shahid Chamran University, Iran
	Sub-Nyquist Frequencies Signal Sampling and Analysis	Mouhaydine Tlemçani, André Albino, Hugo G. Silva, Mourad Bezzeghoud University of Evora, Portugal
	Solar Thermal aquaculture System Controller Based on Artificial Neural Network	A. Doaa M. Atia, Faten H. Fahmy, Ninet M. Ahmed, Hassen T. Dorrah Electronics Research Institute, Egypt
	A Cluster Head Gateway Approach For Deciding The Cluster Head In Mobile Adhoc Network	Ahmad Anzar, Joshi Pankaj, Rathi Vikas, Bagwari Ashish, SC Gupta Graphic Era University, India
	Assessment of Reliability and Quality Measures in Power Systems	M.A. El-Kady, Alshammari, badr M., Mohamed A. King Saud University, Saudia Arabia

	Feasibility of integrating heating valve drivers with KNX-standard for performing dynamic hydraulic balance in domestic buildings	Danny Szendrei University Of Applied Sciences Zwickau, Germany
	Optimal SSSC Placement to ATC Enhancing in Power Systems	Shahram Javadi, Ali Alijani, Amir Hooshang Mazinan, Ali Alijani Islamic Azad University, South Tehran Branch, Iran
	Microwave shielding of magnetized hydrogen plasma in carbon nanotubes	Afshin Moradi, Mohammad Hosain Teimourpour Kermanshah University of Technology, Iran
	Operation Assay of An Industrial Single-Source – Single-Detector Gamma CT Using MCNP4C Code Simulation and Experimental Test Comparisons	Marzieh Rezazadeh Nuclear Science and Technology Research Institute, Iran
	Neutron Flux Characterization for Radioisotope Production at ETRR-2	A. M. Hassanain, Nader M. A. Mohamed, M. Naguib Aly, Alya A. Badawi, M. A. Gaheen Atomic Energy Authority, ETRR-2, Egypt
	Value Engineering & Its Effect in Reduction of Industrial Organization Energy Expenses	Habib-ollah Najafi & Amir Abbas Yazdani Payam-e-Noor University, Sari Branch, Iran
	A Comprehensive Survey on RAT Selection Algorithms for Beyond 3G Networks	Abdallah AL Sabbagh, Robin Braun and Mehran Abolhasan University of Technology, Sydney, Australia
	Population Trend Of Canola Aphid, Lipaphis Erysimi (Kalt.) (Homoptera: Aphididae) And Its Associated Natural Enemies In Different Brassica Lines Along With The Effect Of Gamma Radiation On Their Population	Ahmad-Ur-Rahman Saljoqi , Rahib Zada, Imtiaz Ali Khan, Iqbal Munir, Sadur-Rehman, Hazrat Jabir Alam Khan KPK Agricultural University Peshawar, Pakistan
<b>13:30 14:00</b>	<b>Lunch Break</b>	
<b>Time</b>	<b>Paper Title</b>	<b>Authors</b>
<b>09:30 11:00</b>	<b>Chair : Ben Richard Hughes</b>	
	<b>Session – II (Oral Presentation) – HALL B January 25, 2011</b>	
	Numerical Simulation for Laminar Flow In a Pipe with Sudden Contraction	Khalid I. Abdulgader, Mohamed .A. Muntasser Omar almokhtar university, Libya
	Investigation of Turbulence Model to Simulation of Ground Effect in 2D and 3D Cases	Djavareshkian, Parsania, Esmaeli, Ziaforoghi, Djavareshkian Ferdowsi University of Mashhad, Iran
	Optimization of Smart Spoiler for Race Car	Djavareshkian & Esmaeli, Djavareshkian Ferdowsi University of Mashhad, Iran
	CFD Dynamic Simulation of Reciprocating Ball Pump	Chee Fui Nanyang Technological University, Singapore
	Disturbed Turbulent Structure of Fully Developed Pipe Flow By Rough Walls	Aung Thuyein Win Yamaguchi University, Japan
	Computational Study of Improving the Efficiency of Photovoltaic Panels in the UAE	Ben Richard Hughes Heriot Watt University, Dubai
	Spray Combustion Dynamics under Thermoacoustic Oscillations	Wajid A. Chishty, Stephen D. Lepera, Uri Vandsburger National Research Council Canada, Canada
	Analysis of Different Installation Conditions Impact On Air Velocity Value Reproduction	Agne Bertasiene Lithuanian Energy Institute, Lithuania
	A Model For Evaluating The Degree Of Leanness Case Study: Buttermilk Production Line In Tehran Pegah Milk Company	Saeid Asadi , Hanieh Panahi Payame Noor University, Iran
	New Techniques For Quality Improvement of Coloured Aluminum Sheets	Rajab Abdullah Hokoma, Faculty of Engineering, Al-Fateh University, Libya
<b>11:00 11:15</b>	<b>Coffee Break</b>	
	ANFIS Modeling of the Surface Roughness in Grinding Process	Hamid Baseri , Gorban Mohammad Alinejad Babol University of Technology, Iran
	Behavior of the Smart Skin Structures for Thermal Buckling	Kwang-Kyu Yoo, Ji-Hwan Kim Seoul National University, South Korea
	Design Of A High Speed Ship Using The Movement Of Blades	S Hari Narayanan, K V Sri Saila Mallikarjunan, L Sri Aravindhan, A Subash, R Sri Rangesh, K Richard Neiel, U Uthanda Ganesh P Raaghavan Thiagarajar College of Engineering, Madurai, India
	Nonlinearity and spectrum analysis of drill strings with component mass un balance.	Fesmi Abdul Majeed The Petroleum Institute, UAE
	Effect of Add-ons to the Developed Bionic Car Body Shell over Drag – Dual Approach	S. Gowthaman Ram Bannari Amman Institute of Technology, India

	A Fuzzy MCDM Approach for Health-Care Waste Management	Mehtap Dursun, E. Ertugrul Karsak, Melis Almula Karadayi Galatasaray University, Turkey
	Crushing Response of Jute/Epoxy Reinforced Composite Tubes	Hakim S. Sultan Aljibori, Dhafer A. Shnawah Asia Pacific University College of Technology and Innovation, Malaysia
	Analyzing of Noise inside a simple vehicle cabin using boundary element method	Azad Soltani-Morteza Karimi Demneh Islamic Azad University, Karaj Branch, Iran
	From Hype to Ignorance – Review 30 Years of Lean Production	Stefan Schmidt, B. S. G. Schmidt (Translation) University of Applied Science Munich and VWI, Germany
	Influence of shell dimensions on buckling behavior and entropy generation of thin welded shells	Sima Ziaee, Khosro Jafarpur Yasouj University, Iran
	Power Generation Potential of Dynamic Architecture	Ben Hughes, Hassam Nasarullah Heriot-Watt University, Pakistan
<b>13:30 14:00</b>	<b>Lunch Break</b>	
<b>Wednesday : January 26, 2011</b>		
<b>09:00 11:00</b>	<b>Chair : Binay Kanti Dutta</b>	<b>Session – III (Oral Presentation) - HALL A January 26, 2011</b>
	Assessment Of Drought Tolerance Indices For Screening Of Rain-fed Wheat Genotypes	Reza Drikvand, Tahmaseb Hossinpor Islamic Azad University Khoramabad Branch, Iran
	Regulatory Effects of Carbon Sources on Tabtoxin Production	N. Messaadia, D. Harzallah, Naoual Messaadia University of El Hadj-Lakhdar, Batna, Algeria
	Revealing Casein Micelle Dispersion under Various Ranges of NaCl: Evolution of Particles Size and Structure	Raza Hussain, Claire Gaiani, Joël Scher Nancy Université, France
	Analysis of Socio-Cultural Obstacles for Dissemination of Nanotechnology from Iran's Agricultural Experts perspective	S. M. Mirdamadi, S. Esmaeili, S. A. Tohidloo Science and Research Branch, Islamic Azad University, Iran
	Investigation of changes sodium and potassium in tolerance genotypes hull-less barley to salinity stress	Hossein Shamsi Mahmoudabadi - Gholamreza Zarei Mahmoudabadi - Danial Abadikhah Islamic Azad University Meybod Branch, Iran
	Seed Treatment During Germination in linseed to Overcome Salt and Drought Stresses (Linum usitatissimum L.)	Kadkhodaie, A., Bagheri, M. Islamic Azad University, Ardestan Branch, Ardestan, Iran
	The effect of nitrogen on critical period for weed control in potato	Hamid Reza Mohammaddoust, Ali Asghari, Gholamali Nateghi University of Mohaghegh Ardabili, Iran
	Calculate and evaluate the equations of motion of nutrient elements (No <sub>3</sub> <sup>-</sup> , Po <sub>4</sub> <sup>2-</sup> , K <sup>+</sup> and Na <sup>+</sup> ) in corn	Tayeb Saki Nejad Islamic Azad University, Ahvaz Branch, Iran
	The Cytotoxic effect of PM 701 and its fractions on cell proliferation of breast cancer cells, MCF7	Faten Abdulrahman Fuad Khorshid King Abdulaziz University, Saudi Arabia
	Serum Nitric Oxide and Sialic Acid: Possible Biochemical Markers for Progression of Diabetic Nephropathy	Syed Muhammad ,Shahid, Rozeena Shaikh, Syeda N. Nawab, Shah A. Qader, Abid Azhar, Tabassum Mahboob University of Karachi, Pakistan
	Anticoagulatory role of an ergot mesylate: Hydergine	Fareeha Ambreen, Irfan Zia Qureshi Quaid-i-azam University, Islamabad, Pakistan
	PMF, Cesium & Rubidium Nanoparticles Induce Apoptosis in A549 Cells	Gehan. A. Raouf , Salem. M. El-Hamidy, Gehan. S. Al-amri, Nourah. A. Alotaibi, Taha A. Kumosani King Abdulaziz University, Saudi Arabia
	Differentiation Between Common Tick Species Using Molecular Biology Techniques In Saudi Arabia	Kholoud Al-Shammery Hail University, Hail, Saudi Arabia
	Histopathological and Ultrastructural Study on the Effect of Green Tea Extracts on Ovarian Cancer Model	Faiza A. Mahboub, Awayef Ali and Faten Khorshid Umm Al-Qura University, Saudi Arabia
	Study of the nutritional and genetic determiners of the hyperhomocysteinemia in a part of a healthy Berber population	M. Yahia, S. Laroui, L. Hambaba, S. Abdessemed University of El Hadj-Lakhdar, Batna, Algeria
<b>11:00 11:15</b>	<b>Coffee Break</b>	
	Kinetic biodegradation of 2,4-dichlorophenol by soil microbiota	S. R Noumeur., A.Daffri, S. Guenoune & H. Bousseboua. University of El Hadj Lakhdar Batna, Algeria
	Effects of nickel chloride on reproduction, biochemical parameters in wistar albino rats and possible antagonistic role of selenium	S. Mouffouk, O. Adjroud University of El Hadj Lakhdar Batna, Algeria

	Multiple Sequence Alignment Using Three-Dimensional Fragments	Layal Al Ait Goerge August University of Goettingen, Germany
	Biological Data Integration using SOA	Amin Noaman,Noura Al-Otaibi King AbdulAziz University, Saudi Arabia
	An Experimental Design Approach to Determine Effects of The Operating Parameters on The Rate of Ru promoted Ir Carbonylation of Methanol	Mohammad Kazemeini Sharif University of Technology, Iran
	Determining correlations for prediction of the solubility behavior of Ibuprofen in supercritical carbon dioxide utilizing density-based models	L. Vafajoo, M. Mirzajanzadeh, F. Zabihi Islamic Azad University, Iran
	Direct Conversion of Methane to Methanol over V2O5/SiO2 Catalyst in a Fixed-Bed Reactor Utilizing a CFD Model	Leila Vafajoo, Morteza Sohrabi, Moslem Fattahi Islamic Azad University, Iran
	Electrical characteristics of biomodified electrodes using nonfaradaic electrochemical impedance spectroscopy	Yusmeera Yusef, Yoshiyuki Yanagimoto, Shigeyasu Uno, Kazuo Nakazato; Nagoya University, Japan
	Effect of environmental stresses on sesame germination	Gholamreza Zarei, Hossein Shamsi, Mohadeseh Habibzadeh Meybodi Islamic Azad University, Maybod Branch, Iran
	Effect Difference of Ozone Doses On Ascorbic Acid And Dehydroascorbic Acid Content In Pulp Tissue At Different Stage of Tomatoes Ripening	Milad. A. Shalluf, Noura. Madi Department of Food Technology, Faculty of Medical Technology, Libya
	Nutrients and Trace Minerals in a Pig Farm in Beijing: Chinese Recommendations	Roxana Mendoza Huaitalla, Eva Gallmann, Liu Xuejun, Eberhard Hartung, Thomas Jungbluth; University of Hohenheim, Germany
	Changes in the Proliferation Activity of the Ovarian Surface Epithelium during the Ovulatory Cycle, Pregnancy and after GnRH-Antagonist Treatment in the Primate	Salina Saddick King Abdul Aziz University Jeddah, Saudi Arabia
	Development of a Porous Silica Film by Sol-gel Process	Binay K. Dutta, Tayseir M. Abd Ellateif, Saikat Maitra, Praveen Singh The Petroleum Institute, Abu Dhabi, UAE
<b>13:30 14:00</b>	<b>Lunch Break</b>	
<b>Wednesday : January 26, 2011</b>		
<b>09:00 11:00</b>	<b>Chair : Samy E. Oraby, Frederic Roger</b>	<b>Session – IV (Oral Presentation) - HALL B January 26, 2011</b>
	The Effect of Angle of Attack on Pressure Drag from a Cam Shaped Tube	Arash Mir Abdolah Iavasani Islamic Azad University Central Tehran Branch, Iran
	Laminar Aiding Mixed Convection with Surface Radiation in a Vertical Annulus	Rajkumar M.R Mechanical Engineering, College of Engineering, Trivandrum, India
	Assessment of the Accuracy of Spalart-Allmaras Turbulence Model for Application in Turbulent Wall Jets	Tahsini, AmirMahdi Aerospace Research Institute, Iran
	Simulation of Heat Transfer in the Multi-layer Door of the Furnace	Uthai Prasopchingchana Burapha University, Thailand
	Development of the Measurement Apparatus for the Effective Thermal Conductivity of Core Material	Jongmin Kim, Tae-Ho Song Korea Advanced Institute of Science and Technology, Republic of Korea
	Experimental Study of Frequency Behavior for a Circular Cylinder behind an Airfoil	Sima Bajalan Khaje Nasire Toosi University of Technology, Iran
	Effect of Helium-Argon Mixtures on the Heat Transfer and Fluid Flow in Gas Tungsten Arc Welding	A.Traidia, F.Roger, A.Chidley Ensta-Paristech, France
	Heat Transfer, Fluid Flow, and Metallurgical Transformations in Arc Welding: Application to 16MND5 steel	Roger Ecole Nationale Supérieure de Techniques Avancées, France
	Influence of Artificial Roughness on Heat Transfer in the Rotating Liquid Flow	T. Magrakvelidze, N. Bantsadze, N. Lekveishvili, Kh. Lomidze A. Eliashvili Institute of Control Systems, Georgia
	Investigation of Recirculation Effects on the Formation of Vapor Bubbles in Centrifugal Pump Blades	Mohammad Taghi Shervani Tabar, Seyyed Hojjat Majidi, Zahra Poursharifi; Tabriz University, Iran
	An Experimental Study of Tip Vortex Cavitation Inception in an Axial Flow Pump	Mohammad Taghi Shervani Tabar, Zahra Poursharifi Tabriz University, Iran
	A Thermal-Shock Fatigue Design of Automotive Heat Exchangers	Alexander Chidley Ecole Nationale Supérieure des Techniques Avancées, France
	Flow Visualization of Angled Supersonic Jets into a Supersonic Cross Flow	Yan Shao, Jin Zhou, Lin Lai, Haiyan Wu, Jing Lei National University of Defense Technology, China

	Atomic Force Microscopy (AFM) Topographical Surface Characterization of Multilayer-Coated and Uncoated Carbide Inserts	Samy E. Oraby and Ayman M. Alaskari College of Technological Studies, PAAET, Kuwait
	SEM and AFM Investigations of Surface Defects and Tool Wear of Multilayers Coated Carbide Inserts	Ayman M. Alaskari, Samy E. Oraby, Abdulla I. Almazrouee College of Technological Studies, PAAET, Kuwait
	Application of a Fracture-Mechanics Approach to Gas Pipelines	Lubomir Gajdos _ Martin Sperl Academy of Sciences of the Czech Republic – Czech Republic
	Using Biogas energy as an alternative resource of energy in building	Mehdi Reiszadeh Islamic Azad University, Shahreza Branch, Iran
<b>11:00 11:15</b>	<b>Coffee Break</b>	
<b>11:15</b>	<b>Chair : Ahmed S. Al-Abdulwahab, Renu Dhir</b>	<b>Session – V (Oral Presentation) - HALL B January 26, 2011</b>
	Model-Based Fault Detection and Isolation using Process Mining	A Stark-Werner, E. Nemeth, M. Gerzson, K.M. Hangos University of Pannonia, Veszprém, Hungary
	Modified Agile Software Development Model – a Case Study	R.S. Janani Sowmya Software Test Engineer Emergys Corpn. Chennai India
	Framework for Interactive and Semi-Automatic Program Optimization Tool for Multi Core Architectures	B. Neelima B. Neelima, Prakash S. Raghavendra, Niranjan N Chiplunkar NMAMIT Nitte, India
	A DDS implementation for Wireless Sensor Networks	Jaime Chen, Esteban Calderón, Bartolomé Rubio University of Málaga, Spain
	Low Power Bus Binding Based on Dynamic Bit Reordering	Jihyung Kim, Taejin Kim, Sungho Park, Jun-Dong Cho Sungkyunkwan University, Republic of Korea
	A Linear Use Case Based Software Cost Estimation Model	Hasan Farahneh, Ayman Issa University of Jordan, Jordan
	A NxM Version Of 5x5 Playfair Cipher For Any Natural Language(Urdu As Special Case)	Muhammad Salam,Nasir Rashid,Shah Khalid,Muhammad Raees Khan University of Malakand , Pakistan
	Adaptive Pulse Coupled Neural Network Parameters for Image Segmentation	Thejaswi H Raya, Vineetha Bettaiah, Heggere S Ranganath University of Alabama in Huntsville, U.S.A
	A New Method for Contour Approximation using Basic Ramer Idea	Ali Ukasha Sebha University, Faculty of Engineering, Libya
	Customer and Network Care Solutions for Telecommunications using Geo-informatics	Usman Jamil National University of Sciences and Technology, Pakistan
	Exploration of Autistic Children using Case Based Reasoning system with Cognitive Map	Ebtehal Alawi Alsaggaf , Shehab A. Gamalel-Din King Abdulaziz University, Saudi Arabia
	Identification of Printed Punjabi Words and English Numerals using Gabor features	B R Ambedkar National Institute of Technology Jalandhar, Punjab, India
	Probabilistic Electrical Power Generation Modeling Using Decimal to Binary Conversion	Ahmed S. Al-Abdulwahab King Abdulaziz University, Saudi Arabia
<b>13:30 14:00</b>	<b>Lunch Break</b>	
<b>Thursday: January 27, 2011</b>		
<b>09:00 11:00</b>	<b>Chair : Mariam Abbas Soharwardi, Petr Těplý</b>	<b>Session –VI (Oral Presentation) - HALL A January 27, 2011</b>
	The Research Approaches on Crisis and its Management	Marie Mikusova, Petra Horvathova Technical University Ostrava, Czech Republic
	Measuring the Relationship among Consumers' Focus, Satisfaction, and Revisiting Behavior toward Amusement Parks	Wan-Yu Liu Aletheia University, Taiwan
	Theoretical background of dividend taxation	Petr Těplý Charles University in Prague, Czech Republic
	The Future Regulatory Challenges of Liquidity Risk Management	Petr Těplý Charles University in Prague, Czech Republic
	Sovereign credit risk measures	Petr Těplý Charles University in Prague, Czech Republic
	Emergence Of New Capitalist Class And Issues Of Market, Merit And Social Justice: The Business And Economics Of	Subramaniam Chandran Vinayaka Missions University, India

	Higher Education In India	
	Relevance-Based Earnings Quality Attributes and Stock Returns	Ahmad Mohammady Islamic Azad University, Tabriz Branch, Iran
	Case Study of TIS Worldwide Marketing (1997) Company: Marketing Strategy before Liquor Liberalization	Sinee Sankrusme Ramkhamhaeng University, Thailand
	Case Study of the C.V.S Syndicate Company: Marketing Strategy before Liquor Liberalization	Sinee Sankrusme Ramkhamhaeng University, Thailand
	An Agent Oriented Architecture to Supply Integration in ERP Systems	Hassan Haghighi Shahid Beheshti University, Iran
	Towards An Integrated Model For Academia- Industry Interface in India	Cashmira Pramanik Indian Institute of Technology, India
	e-Service Innovation within Open Innovation Networks	Hung Tai Tsou, Hsuanyu Sheila Hsu Ming Dao University, Taiwan
	Community Innovation in Sustainable Development: A Cross Case Study	Tingan Tang, Kimmo Karhu, Matti Hämäläinen Aalto University School of Science and Technology, China
	Determinants of Students' Intentions to Use a Mobile Messaging Service in Educational Institutions: a Theoretical Model	Boonlert Watjatrakul Assumption University, Thailand
	A Holistic Approach to Implement a Knowledge Management Initiative	Vasanthy Velupillai Tshwane University of Technology, Pretoria, South Africa
	Innovation Initiatives In Supply Chain Towards Supply Chain Performance	Ong Chiou Wei, Suhaiza Zailani, Yusof Hamdani Universiti Sains Malaysia
	Migration of Cholistan People from Desert areas toward Irrigated areas: Causes and Consequence (A Case Study of Cholistan, Pakistan)	Mariam Abbas Soharwardi, Karamat Ali, Muhammad Arshad, Abida Riaz The Islamia University of Bahawalpur, Pakistan
<b>11:00</b> <b>11:15</b>	<b>Coffee Break</b>	
<b>11:15</b>	<b>Chair : Yousef Hwegy</b>	<b>Session –VII (Oral Presentation) - HALL A January 27, 2011</b>
	A Markovian Model for Load-Balancing Based and Service Based Algorithms in B3G Networks	Abdallah AL Sabbagh University of Technology, Sydney, Australia
	Performance Comparison for AODV, DSR and DSDV W.R.T. CBR and TCP in Large Networks	Ibrahim Mohamed Saleh University of Garyounis, Libya
	Research and Development of a Biomorphic Robot Driven by Shape Memory Alloys	Y.J. Lai, H.Y. Peng, M.W. Wu, J. Shaw National Taipei University of Technology, Taiwan
	Coding for reliable data transmission	Yousef Hwegy Alfatah University, Tripoli- Libya
	Maximum Water Hammer Sensitivity Analysis	Jalil Emadi Islamic Azad University Ardestan Branch, Ardestan, Iran
	Matrix-Interleaved Serially Concatenated Block Codes for Speech Transmission in Fixed Wireless Communication Systems	Farhad Mehran University of Birmingham, UK
	Turbo-Coded Mobile Terrestrial Communication Systems in Urban and Suburban Areas for Wireless Multimedia Applications	Farhad Mehran University of Birmingham, UK
	Implementation of an Innovative Simplified Sliding Mode Observer-Based Robust Fault Detection in a Drum Boiler System	Ladan Khoshnevisan, Hamid Reza Momeni, Ali Ashraf-Modarres Tarbiat Modares University, Iran
	Real-time Haptic Modeling and Simulation for Prosthetic Insertion	Catherine Todd University of Wollongong in Dubai, United Arab Emirates
	Sampling of Variables in Discrete-Event Simulation Using the Example of Inventory Evolutions in Job-Shop-Systems Based on Deterministic and Non-Deterministic Data	Bernd Scholz-Reiter, Christian Toonen, Jan Topi Tervo, Dennis Lappe University of Bremen, Germany
	Self Learning Routing Algorithm with Load Balancing	Muhammad Saeed, S.M. Waqar-ul-Haq, Muhammad Saleem, Nasir Touheed University Road, University Campus, Pakistan
	Simulation Modeling of Manufacturing Systems for the Serial Route and the Parallel one	Tadeusz Witkowski, Pawel Antczak, Arkadiusz Antczak Warsaw University of Technology - Faculty of Management, Poland
<b>13:30</b> <b>14:00</b>	<b>Lunch Break</b>	

**Thursday: January 27, 2011**

09:00 11:00	<b>Chair : Rajab Abdullah Hokoma, Camelia Frigioiu</b>	<b>Session – VIII (Oral Presentation) - HALL B January 27, 2011</b>
	Lagrangian geometrical model of the rheonomic mechanical systems	Camelia Frigioiu, Katica (Stevanovic) Hedrih, Iulian Gabriel Birsan "Dunarea de Jos" University of Galati, Romania
	Estimation Of R= P [y < X] For Two-parameter Burr Type Xii Distribution	Hanieh Panahi , Saeid Asadi Islamic Azad University, Lahijan Branch, Iran
	Homotopy perturbation method for two-dimensional integral equations of mixed type and comparison with bivariate Chebychev collocation method	Seyed Mehdi Shafiof, Mostafa Eslami Payame Noor University Of Khorasgan, Isfahan, Iran
	Controlling of delay epidemic model by vaccination policy	Sumit Kumar Banerjee Caledonian College of Engineering (Affiliated to Glasgow Caledonian University, Scotland), Oman
	Eigenvector Cutoff Value for Collinear Variables in Multivariate Data	Kutlwano K. K. M. Ramaboa, Les G. Underhill University of Cape Town, South Africa
	Systems with Queueing and Their Simulation	Milos Seda, Pavel Osmera, Jindrich Petrucha Brno University of Technology, Czech Republic
	Multiple Outliers: An Alternative Overview	N.K. Jajo, K.M. Matawie University of Western Sydney
<b>11:00 11:15</b>	<b>Coffee Break</b>	
11:15	<b>Chair : Rajab Abdullah Hokoma, Visalakshi Rajeswari Salvadeeswaran</b>	<b>Session – IX (Oral Presentation) - HALL B January 27, 2011</b>
	Experimental Inspection of Damage and Performance Evaluation After Repair and Strengthening of Jiamusi Highway Prestressed Concrete Bridge in China	Ali Fadhil Naser, Wang Zonglin Harbin institute of Technology, China
	The Integration between Transportation Solutions, Economic Development and Community Development as an Approach for Sustainability – A Case Study of Curitiba, Brazil	Ghada Mohamed Rehan, Haitham Samir Mahmoud Faculty of Engineering, Helwan University., Egypt
	Vertical Landscaping: The Bio-Climatic approach for Eco-Sustainable Architecture of High-rise Buildings	Matluba Khan Bangladesh University of Engineering & Technology, Bangladesh
	Selection of procurement systems in the South African	Wellington Didibhuku Thwala, Musa Mathonsi University of Johannesburg, South Africa
	Challenges of Community Participation in Urban Renewal Projects, South Africa	Wellington Didibhuku Thwala University of Johannesburg, South Africa
	Compressive Strength and Interfacial Transition Zone Characteristic of Geopolymer Concrete with Different Cast In-Situ Curing Conditions	Muhd Fadhil Nuruddin Universiti Teknologi Petronas, Malaysia
	FRC- A New Sustainable Option for Construction to Mitigate Earthquakes	Pandurang Jayateerth Sasurkar Visveswariah Technological University, India
	Industrial Waste Monitoring	Khairuddin bin Osman University Teknikal Malaysia Melaka, Malaysia
	Architectural and technological innovation of PV building envelope	Gianni Di Giovanni-Pierluigi Bonomo University Of L'aquila- University of Pavia, Italy
	A 'Socially Responsive' House Plan as a 'Disaster Preparedness' Module	Visalakshi Rajeswari, . M. R. Sree Jyothi Avinashilingam University for Women, Coimbatore, India
	Use of land and sustainable urban development: modelling based on the functions and the spaces	Boualem El Kechebour University of Sciences and Technology Houari Boumediene, Algeria
	Effect of salt solution and plasticity index on undrained shear strength of clays	Seyed Abolhassan Naeini , Ms. Jahanfar M. A. Imam Khomeini International University, Iran
	A case study of Stratigraphic Correlation with wire line logs and seismic section from Punjab Platform, Pakistan	GMD Sohail, N.Aadil University of Engineering & Technology Lahore, Pakistan
	The Removal of Hydrocarbon Compounds by using a Reactor of Biofilm in an Anaerobic medium	Abdulsalam.I.Rafida Al-Fath University, Libya
<b>13:00 14:00</b>	<b>Lunch Break</b>	
<b>10:00 13:00</b>	<b>Chair : Najaf Hedayat, Parvinder S. Sandhu e-Session January 25-27, 2011 (HALL A – HALL B)</b>	



	Exergy analysis of combined cycle of air separation and natural gas liquefaction	Hanfei Tuo, Yanzhong Li University of Illinois Urbana Champaign, USA
	Wavelet Entropy Based Algorithm for Fault Detection and Classification in FACTS Compensated Transmission Line	Amany El-Zonkoly and Hussein Desouki Arab Academy for Science & Technology - Egypt
	Comparative Study on Different Types of Bracing Systems in Steel Structures	Shahzad Eghtesadi, Danesh Nourzadeh, Khosrow Bargi Isfahan University of Technology, Iran
	Safety Probability Simulation Research of Ship with crevasse in Random Beam waves	YAN Kai, PU Jin-yun, HOU Yue Naval University of Engineering, China
	Experimental Research on Characteristic and Influence Factor of Flue Gas displacement	Zihan Zhu, Ming-yuan Li, Mei-qin Lin, Bo Peng, Rui Xu, Bo Tian China University of Petroleum, Beijing, China
	Modern System of Employees' Remuneration and its use by Organizations in one of Czech Republic Regions	Horváthová Petra, Mikušová Marie Technical University Ostrava, Czech Republic
	Comprehensive nonlinearity simulation of different types and modes of HEMTs with respect to biasing conditions	M.M.Karkhanehchi, A. Ammani Razi University, Iran
	Control and simulation of polarized light propagation through liquid crystal devices	M.M.Karkhanehchi, A. Ammani Razi University, Iran
	Design of An Eddy Current Brake For Use As Programmable Viscous Damper For Haptic Interface	Sajad Tabatbaei, Seyed Vali Heidari, Sharzad Ajabi Islamic Azad University Mahshar Branch, Iran
	Effect of Utilization of Geosynthetic on Reducing the Required Thickness of Subbase Layer of a Two Layered Soil	Reza Ziaie_Moayed, Moeen Nazari Imam Khomeini International University, Iran
	Investigations On Shear Strength Characteristics Of Cement Improved Saline Soil	R. Ziaie Moayed, M. Samimifar, E. Izadi Imam Khomeini International University, Iran
	Effect of Moisture on Shear Strength Characteristics of Two-Layer Geosynthetic Reinforcement Subgrade	Reza Ziaie_Moayed, Mehrad Kamalzare Imam Khomeini International University, Iran
	Investigation of NanoTechnological Capability of Diatomites	R. Ziaie Moayed, M. Samimifar, E. Izadi Imam Khomeini International University, Iran
	Seismic Vulnerability Of Ancient Hydraulic Structures Of Shushtar City, Southwestern Of Iran	Akram Keramat Islamic Azad University, Dezfoul branch, Iran
	Comparison of Current Chinese and Japanese Design Specification for Bridge Pile in Liquefied Ground	Baydaa Hussain Maula Harbin institution of Technology, China
	The effect of Sea level rise on urban development in Egypt	Mohamed Anwer Zayed Cairo University - Faculty of Engineering, Arab Republic of Egypt
	Study of quantitative traits in some hybrid rice lines	Seyed Amir Abbas Mousavi Mir Kalaei - Morteza Sam Daliri Islamic Azad University of Chalos Branch, Iran
	Prediction of kinematic viscosity of binary mixture of poly (ethylene glycol) in water using artificial neural networks	M. Mohagheghian, A. M. Ghaedi, A. Vafaei Department of Chemistry, Islamic Azad University, Iran
	New Approach to Casimir Effect and Boundary Conditions	Zahra Ghorbani Moghaddam Islamic Azad University Tehran Central Branch, Iran
	Calculating Viscosity of Iranian Crude Oil With The Help Of Radial Based Neural Network	Abdolreza Memari Islamic Azad University Mahshahr Branch, Iran
	Investigation And Assessment Of Real-Time Fuzzy Load Flow Solution And Fuzzy Contingency Evaluation Methods Of Electrical Power Systems	Hassan Kubba Al-Jadriya-Baghdad University, Iraq
	The levels of aggregation and sedimentation survey in Watershed Management structures (Case of study: Watershed zone of Baghkal Khansar)	Jafari Jebeli, Z., Soltani, S., Nasri, M. Islamic Azad university, science and research Branch, Iran
	High Wall Slope Stability – Case Study of an Opencast Coal Mining Project	Ram Chandar Karra National institute of Technology Karnataka, India
	Using Modified Neill Mapping Function for Improvement Global Positioning System (GPS) Tropospheric Delay	Akram Keramat Islamic Azad University, Dezfoul Branch, Iran
	The Effects of Lime Admixture and Plasticity Index on the Bearing Capacity of Clayey Soils	Naeini S. A., Najmossadati, S.A., Jahanfar M. A Imam Khomeini International University, Iran
	investigation on effect of geological parameters on environment static pollution AMOL area	Mohammad Taghvaie Islamic Azad University, Qaemshahr Branch, Iran
	Towards Well Documented and Designed Agile Software Development	Amani Ibrahim Al-Ali Applied Science University, Jordan

	Smart Spoiler for Race Car	Djavareshkian, Esmaeli Ferdowsi University of Mashhad, Iran
	analysis of H-Infinity Controllers in Fuel Cell Powered Uninterruptible Power Supply System	A.Salami, M. Feizi Iran University of Science and Technology-Arak Branch, Iran
	Computational Fluid Dynamics Modeling of Downward Bubbly Flows	Mahmood Reza Rahimi, Hajir Karimi Yasouj university, Iran
	Thermodynamic Optimization of Brayton Cycle with Steam Injection Using Exergy analysis	Mohsen Nikaein Bidboland Gas Refinery, Iran
	Porous Effect on Heat Transfer of Non Uniform Velocity Inlet Flow Using LBM	Mohsen Nikaein, Kourosh Sedighi, Arman Hasanpour, Hamid Reza Ashorynejad; Bidboland Gas Refinery, Iran
	Free convection in a MHD Porous Cavity with using Lattice Boltzmann method	Mousa Farhadi, Kourosh Sedighi, Arman Hasanpour, Hamid Reza Ashorynejad; Babol University of Technology, Islamic Republic of Iran
	Hole Configuration Effect on Turbine Blade Cooling	Mousa Farhadi, Kourosh Sedighi, Arman Hasanpour, Hamid Reza Ashorynejad; Babol University of Technology, Islamic Republic of Iran
	Antioxidant and antibacterial activity of <i>Consolida orientalis</i>	Dehpour A., Ebrahimzadeh M., Roudgar, Nabavi S. and Nabavi S. M Islamic Azad university Ghaemshahr Branch, Iran
	Physiological And Histological Change Of Peach Fruits During The Storage	Khalifa Suleiman Mohamed University of Al-Jabal Elgharbi Libya, Libya
	A FEM Study of Explosive Welding of Double Layer Tubes	Roosbeh Alipour, Farhad Najarian Islamic Azad University - Mahshahr Branch, Iran
	Computational study of blood shear stress distribution in ventricular assist device	Mohammad Haddadi, Hanieh Niroomand Oscuii., Farzan Ghalichi Sahand University of technology, Iran
	Study of Current Sheath Velocities in Tridimensional with Sahand Plasma Focus	M.A.Mohammadi, H.Alinejad, A.Piri University of Tabriz, Iran
	Effects of ion loss and ionization on dust ion-acoustic shock waves in charge varying dusty plasmas	Hassan Alinejad Babol university of Technology, Iran
	Debye Layer Confinement of Nucleons in Nuclei by Laser Ablated Plasma	Mohammad Ghanaatian, Afsaneh Bazrafshan Shiraz University, Iran
	Enhanced Mycophenolic Acid Production by <i>Penicillium brevicompactum</i> with Enzymatically Hydrolyzed Casein	F. Ardestani, S. S. A. Fatemi, B. Yakhchali Islamic Azad University, Qaemshahr Branch, Iran
	Efficient Removal of Reactive Orange 12 by Multiwalled Carbon Nanotube	Mehrorang Ghaedi Yasouj University, Iran
	Effect of drought stress on the trend of change in chlorophyll a and b in corn	Tayeb Saki Nejad Islamic Azad UniverSity, Ahvaz Branch, Iran
	Bioaccumulation and Translocation Factors of Cadmium and Lead in <i>Aeloropus littoralis</i>	M. Rezvani, F. Zaefarian Islamic Azad University, Ghaemshahr Branch, Iran
	Modeling and simulation of dense gas extraction in membrane contactors	Azam Marjane, Saeed Shirazian Islamic Azad University-Arak Branch, Iran
	Liquid –Liquid extraction of Cu(II) Ion In chloroform using 2-Mercaptobenzoxsazole	Mehrorang Ghaedi yasouj university, Iran
	Lattice Boltzmann Simulation of Binary Mixture Diffusion Using Modern Graphics Processors	Mohammad Amin Safi, Mahmud Ashrafizaadeh, Amir Ali Ashrafizaadeh Isfahan university of Technology, Iran
	Effects of Injection Velocity and Entrance Air Flow Velocity on Droplet Sizing in a Duct	Mohammad Mojtahedpoor Imam Hossein University, Iran
	Two dimensional simulation of fluid flow and heat transfer in the transition flow regime using a lattice Boltzmann approach	Mehdi Shamshiri, Mahmud Ashrafizaadeh Isfahan university of technology, Iran
	Numerical Modeling of Natural Convection on Various Configuration of Rectangular Fin Array on Vertical Plates	Hamid Reza Goshayeshi, Fahiminia Mehdi, Naserian Mehdi Islamic Azad Universty, Mashad Branch, Iran
	Effect Of Radiation On Mixed Convection Along Vertical Cylinder With Uniform Surface Heat Flux In A Porous Medium	Waqar Ahmed Khan National University of Science and Technology, Pakistan
	Calculation of Standoff shock Distance on Blunt Cones at Supersonic Speeds Using CFD Method	Kamyar Mansour, Ziba Eghlima Amirkabir University of Technology, Iran
	Correlation of viscosity in nanofluids Using genetic algorithm-neural network (GA-NN)	Hajir Karimi Yasouj University, Iran
	Using Data Mining Techniques for Finding Cardiac Outlier Patients	Farhan Ismaeel Dakheel, Raof Smko, K. Negrat, Abdelsalam Almarimi College of Electronic Technology, Libya

	A New Voting Approach To Texture Defect Detection Based On Multiresolutional Decomposition	B.B.Maryam Moasheri, Soheil Azadina Ferdowsi University of Mashad, Iran
	Analyzing the Consequences of Chlorine Release in the Marvdasht Petrochemical	Nader Nabhani, Meysam Revayati, Vahid Zarrin Eghbal Petroleum University of Technology, Iran
	The Risk Assessment of Nano-particles and Investigation of Their Environmental Impact	Nader Nabhani, Amir Tofighi Petroleum University of Technology, Iran
	An Experimental Study on Effects of Applying the Pulsating Flow to a Gas-Solid Fluidized Bed	Rezvan Alamian, Alireza Baniassadi, Hassan Basirat Tabrizi Amirkabir University of Technology, Iran
	The investigation of crack's parameters on the V-notch by photoelasticity method	Masoud Saravani, Maryam Azizi Iran University of Science & Technology, Iran
	Vibration of functionally graded cylindrical shells under effects clamped-clamped boundary conditions	M.R.Alinaghizadeh, M.R.Isvandzibaei Islamic Azad University, Shoushtar Branch, Iran
	Reducing the number of constraints in non safe Petri Net, From forbidden states to linear constraints, Fail-safe modeling of discrete event systems using Petri nets	A. Dideban, M. Zareiee, P. Nazemzadah Semnan University, Iran
	Comparative Experimental Study of Ambient and Oven Dry Cured Geo-polymer Concrete	Sunil Kumar Tengli Visvesvaraya Technological University, Belgaum
	Micro environmental concrete	M. Lanez, M. N. Oudjit, A. Bali, Mohamed Nadjib Oudjit University of Science and Technology Houari Boumediene, Algeria
	A Revisited view to the Paced Auditory Serial Addition Test PASAT in Female and Male Normal Subjects	Javad Razjouyan, Shahriar Gharibzadeh, Ali Fallah, Mehdi Moghaddasi, Mohsen Seyfi, Amir Kasaeian Amirkabir University of Technology, Iran
	Investigating the Importance and Necessity of Urban Streams Rehabilitation	Abbas Malekhosieni, Hamidreza Joodaki Islamic Azad University ,Arak branch, Iran
	Semisolid Structure and Parameters for A360 Aluminum Alloy Prepared by Mechanical Stirring	MM.Kaykha, A. Kamarei, M. Safari, V. Arbabi University of Zabol, Iran
	Geology, Hydrogeochemical, anomaly non-metallic and metallic elements dissolved in hot springs in Ramsar	Mostafa Nazeri Chalus, Iran
	CAD Tools Broadband Amplifier Design	Salwa M. Salah Eldeen, Fathi A. Farag, Abd Allah M. Moselhy Zagazig University- Faculty of Engineering, Egypt
	Optimal Acting of Power System Stabilizers after Switching Using Particle Swarm Optimization	Davoud Sedighzadeh, Mostafa Sedighzadeh and Masoud Moradi Islamic Azad University, Saveh branch, Iran
	Computational optimization of stability, propulsion and maneuverability of a riverine vessel.	Luis Javier Serrano Tamayo Escuela Naval Almirante Padilla, Colombia
	Stability, Propulsion System And Rudder Evaluation Of A Riverine Support Vessel To Optimize Its Operational Performance	Luis Javier Serrano Tamayo Escuela Naval Almirante Padilla, Colombia
	A New Model for Economic Optimization of Water Diversion System during Dam Construction Using PSO Algorithm	Saeed Sedighzadeh, Abbas Mansoori, Mohammad Reza Pirestani and Davoud Sedighzadeh Islamic Azad University, Saveh branch, Iran
	Modeling And Simulation Of Photovoltaic Based Led Lighting System	Ankit R Patel, Ankit A Patel, Mahesh A Patel, Dhaval R Vyas Veermata Jijabai Technological Institute, Mumbai, India
	Spectrophotometric and Polarographic studies of complex formations between anthraquinone and hydroquinone forms of alizarin complexone and alkaline earth metal ions in aqueous solvent	Zhila Safari Islamic Azad University-Dezful Branch, Iran
	Determination of phenolic content and antioxidant activity of the khouzestan ripe sayer date palm fruit by LC-DAD-MS (ESI+) and DPPH method and Folin-Ciocalteu test	Zhila Safari Islamic Azad University-Dezful Branch, Iran
	Influence of Hubbard coefficient on the Optical Properties of ZnO doped Co	Benstaali Wissam University of Mostaganem- Algeria
	2.5D Model Propagation Paths Inside Building Using Ray Tracing	Fathi Alwafie Sebha University, Libya
	Stock Market Efficiency: Theory and Implications	Seyyed Ali Paytakhti Oskooe Islamic Azad University-Tabriz Branch, Iran
	Study of Protein Partitioning in Polymer-Salt Aqueous Two-Phase Systems using Electrolyte-SAFT (E-SAFT) Equation of State	Ali Asghar Rohani, Gholamreza Pazuki, Sara Ghayour Doozandeh, Saeed Seyfi; Islamic Azad University, Shahrood Branch, Shahrood, Iran
	Evolution of the Hydrogen Atom	Ghassan Halasa University of Jordan, Jordan

	Preconcentration of trace of copper (II) ions using Bis(3-nitrobenzylidene)-1,2-ethanediamine(BCBEN) on multiwalled carbon nanotubes and subsequent determination by AAS mehorang	Mehrorang Ghaedi Yasouj University, Iran
	Numerical investigation of the flow separation zone and quality of the bed shear stress distribution at open-channel confluences	R.Goudarzizadeh, S.H.Mousavi Jahromi, N.Hedayat, M.H.Naghshineh Islamic Azad University Dezful Branch, Iran
	Experimental investigation the effect of groin length and installing position variations on scouring depth at 180 degree bend of rivers	A.Moradi, M.H.Naghshineh, R.Goudarzizadeh, N.Hedayat Islamic Azad University Dezful Branch, Iran
	Review risk and threats due to dam break	A.Roshandel, N.Hedayat, H.kiamanesh Islamic Azad University Dezful Branch, Iran
	Evaluation of correlation between morph-physiological characters in maize hybrids by kernel yield using Path	Mohammad Shahin, Najaf Hedayat Islamic azad university- Dezful branch, Iran
	Application of polysaccharides edible films (Cactus-mucilage) to extend Pear shelf life	Mohammad Shahin Islamic Azad University, Khoramshahr Branch, Iran
	Determination of Ultra Trace of Thiosemicarbazide by Adsorptive Stripping Voltammetric Method at HMDE in Real Samples	Laleh HosseinzadeH islamic azad university-Dehloran branch, Iran
	Evaluation of correlation between morph-physiological characters in maize hybrids by kernel yield using Path Analysis	Mehdi Zirehzadeh Islamic Azad University, Dezful Branch, Iran
	Coverage & Connectivity Problem in Sensor Networks	Meenakshi Bansal, Iqbal Singh, Parvinder S. Sandhu Rayat Bahra Inst. of Engg. & Bio-Tech., India
	Enhanced K-Nearest Neighbor Algorithm	Dalvinder Singh Dhaliwal, Parvinder S. Sandhu, S. N. Panda Rayat Bahra Inst. of Engg. & Bio-Tech., India
	A 16Kb 10T-SRAM With 4x Read-Power Reduction	Pardeep Singh, Sanjay Sharma, Parvinder S. Sandhu SLIET, Longowal, India
	Parametric analysis and design of Regional Language Character Mapping in Education	Hardeep Singh Jawanda Guru Nanak Dev Polytechnic, Ludhiana, India
	Distributed Denial of Service Attacks In Mobile Adhoc Networks	Gurjinder Kaur, Yogesh Chaba, V. K. Jain SLIET, Longowal, India
	Bayesian Network Based Intelligent Pediatric System	Jagmohan Mago, Parvinder S. Sandhu, Neeru Chawla Rayat Bahra Inst. of Engg. & Bio-Tech., India
	Cloud Computing Databases: Overview of Latest Trends and Architectural Concepts	Tarandeep Singh, Parvinder S. Sandhu Rayat Bahra Inst. of Engg. & Bio-Tech., India
	Indexing Documents using Indexing Dictionary in text mining	Ansari Islamic Azad university Shahre Rey branch Tehran, Iran
	The design of multimode interference coupler with using slot waveguides	Hamid Keivani , Farzad Kavehnia Islamic Azad University, Kazerun branch, Iran
	Improving Power System Protection Selectivity by Proper Setting of Distance Relays	Hamid Keivani , Farzad Kavehnia Islamic Azad University, Kazerun branch, Iran
	Numerical Simulation of Conjugated Heat Transfer Characteristics of Laminar Air Flows in Parallel-Plate Dimpled Channels	Hossein Shokouhmand, Mohammad A. Esmaeili, Koohyar Vahidkhal, Hamid Tabandeh University of Tehran, Iran
	Numerical Analysis of Air Flow and Conjugated Heat Transfer in Internally Grooved Parallel-Plate Channels	Hossein Shokouhmand, Mohammad A. Esmaeili, Koohyar Vahidkhal, Hamid Tabandeh University of Tehran, Iran
	Optimization of method of genomic DNA extraction from satreja khuzistanica	Dousti behrooz , Selavarzi Elham Islamic Azad University Khorramabad Branch, Iran
	Dust acoustic shock waves in coupled dusty plasmas with kappa-distributed ions	Hamid Reza Pakzad IAU, Bojnourd Branch, Iran
	Vibration Reduction On Timoshenko Beams Under Harmonic Excitation Using Linear And Nonlinear Dynamic Absorbers	Ardehsir Karami Mohammadi, Mohamadreza Zarastvand Islamic Azad University Karaj Branch, Iran
	Modeling of Catalyst Deactivation in Catalytic Wet Air Oxidation of Phenol in Fixed Bed Three-Phase Reactor	Akram Golestani, Mohammad Kazemeini, Farhad Khorasheh and Moslem Fattahi Sharif University of Technology, Iran
	Faculty Stress At Higher Education: A Study On The Business Schools Of Pakistan	Aqsa Akbar, Waheed Akhter Lahore Business School, The University Of Lahore, Pakistan
	Efficiency of Post-Tensioning Method for Seismic Retrofitting of Pre-Cast Cylindrical Concrete Reservoirs	M.E.Karbaschi , R.Goudarzizadeh, N.Hedayat Islamic Azad University, Dezful Branch, Iran

	Analysis of Surge in Pipelines Systems by Characteristic Method	Mehdi Salmazadeh Islamic Azad University Shoushtar Branch, Iran
	Absorption and Evaporation Mass Transfer Simulation of a Droplet by Finite Volume Method and SIMPLEC algorithm	Eisa Noveiri, Sadegh Torfi, Adel Taheri Nia Islamic Azad University, Susangerd Branch, Iran
	A new solution for natural convection of Darcian fluid about a vertical full cone embedded in porous media prescribed wall temperature by using a hybrid neural network-particle swarm optimization method	M.A. Behrang, M. Ghalambaz, E. Assareh, A.R. Noghrehabadi, M. Ghalambaz, N. Hedayat Islamic Azad University, Dezful Branch, Iran
	A new approach to solve Blasius equation using parameter identification of nonlinear functions based on the Bees Algorithm (BA)	E. Assareh, M.A. Behrang, M. Ghalambaz, A.R. Noghrehabadi, A. Ghanbarzadeh, N. Hedayat Islamic Azad University, Dezful Branch, Iran
	A Hybrid Neural Network and Gravitational Search Algorithm (HNN-GSA) method to solve well known Wessinger's equation	M. Ghalambaz, A.R. Noghrehabadi, M.A. Behrang, E. Assareh, A. Ghanbarzadeh, N. Hedayat Shahid Chamran University of Ahvaz, Iran
	Integration of Artificial Neural Network and Intelligent optimization techniques on world electricity consumption estimation	E. Assareh, M.A. Behrang, R. Assareh, N. Hedayat Islamic Azad University, Dezful Branch, Iran
	Numerical simulation of Velocity and Pressure curves in water intake using Flow 3D software	Zeinab Tamoradi, Najaf Hedayat, Hassan Kiyamanesh Dezful University, Iran
	Queen-bee Algorithm for Energy Efficient Clusters in Wireless Sensor Networks	Z. Pooranian, A. Barati, A. Movaghar Sama University, Iran
	Experimental Investigation of Free Convection Heat Transfer from a pair of Vertical Arrays of Isothermal Cylinders separated by Flow Diverters	H. Rezvantalab, O. Ghazian, M. Ashjaee University of Tehran, Iran
	Heat Transfer Investigation of Nanofluid Cooled Heat Sinks Using Artificial Neural Networks	S. A. Fazeli, S. M. H. Hashemi, M. Ashjaee, A. Mashayekh University of Tehran, Iran
	Investigation of thermally developing region in electronic cooling devices	S. M. H. Hashemi, S. A. Fazeli, M. Ashjaee University of Tehran, Iran
	Artificial Intelligence Techniques for Controlling Spacecraft Power System	Hanaa T. El-Madany, Faten H. Fahmy, Ninet M. A. El-Rahman, Hassen T. Dorrah Electronic Research Institute, Egypt
	Pseudo-almost periodic solutions of a class of delayed chaotic neural networks	Cherif Farouk Epam-Sousse, Tunisia
	Two and three dimensional numerical analysis of mixed convective heat transfer in a horizontal square channel with viscous dissipation effect that one side of channel is heated	H. Shokouhmand, H. Tabandeh University of Tehran, Iran
	Atmosphere Water Vapor as Main Water Resources of Sweet Water in the Arid Zones of Central Asia	Yu.V. Petrov, L.Ye. Skipnikova, S.I. Nikolaeva Hydrometeorology Centre, Uzbekistan
	Estimation of Aridity of the Landscapes on Basis of Thermodynamic Characteristics	S. Nikolaeva, Yu. Petrov, Sh. Mutalov National University of Uzbekistan, Uzbekistan
	Atmosphere Pollution Monitoring Based on New Integral Transparency Characteristics	Yu.V. Petrov, S.I. Nikolaeva, A.K. Abdullaev National University of Uzbekistan, Uzbekistan
	Desertification Process Monitoring Based On New Meteorological Parameter	Yu.V. Petrov, S.I. Nikolaeva, A.K. Abdullaev National University of Uzbekistan, Uzbekistan
	Response of Germination Percentage and Seedling Growth parameters to salinity Caused by NaCl in Sweet Sorghum Cultivars	Behrooz Dousti, Abas Almodares Islamic Azad University Khorramabad Branch, Iran
	Effect of Irrigation Regimes on Yield and Yield Components of Cumin	Gholamreza Zarei, Hossein Shamsi and Hossein Rastegar Islamic Azad University, Maybod Branch, Iran
	The Overall Effect of Nano clay on the Physical Mechanical properties of Epoxy Resin	Alireza Bozorgian, Navid Majdi Nasab, Hassan Mirzazadeh Islamic Azad University of Mahshahr, Iran
	Allelopathic Effects of <i>Sisymbrium irio</i> L. and <i>Descurainia sophia</i> (L.) Schur on the Germination of Wheat ( <i>Triticum aestivum</i> L.)	Sh. Edrisi, A. Farahbakhsh Islamic Azad University, Iran
	Directional Drilling Optimization By Non-Rotating Stabilizer	Eisa Noveiri, Adel Taheri nia Islamic Azad University, Shadegan Branch, Iran
	Modeling & simulation of Evaporation Mass Transfer of a Droplet by Finite Volume Method algorithm	Eisa Noveiri, Sadegh Torfi, Mehdi Salman Zadeh, Adel Taheri nia Islamic Azad University, Susangerd Branch, Iran
	Fuzzy Logic Based Coordination of SVC and ULTC to Improve Power Quality and Reserving Compensation Margin for Emergency Control	S.S. Mortazavi, N. Vahdatifar, S. Aminzadeh, A. Saidian, R. Kianinezhad, D. Zaravi Shahid Chamran University, Iran
	Extracting Middle Headlines from Journals	S.S. Mortazavi, N. Vahdatifar, S. Aminzadeh, A. Saidian, R. Kianinezhad, D. Zaravi Shahid Chamran University, Iran

Journals Subheadlines Text Extraction Using Wavelet Thresholding and New Projection Profile	S.S. Mortazavi, N. Vahdatifar, S. Aminzadeh, A. Saidian, R. Kianinezhad, D. Zaravi Shahid Chamran University, Iran
Zinc Sulfide Concentrates and Optimization of their Roasting in Fluidized Bed Reactor	B.S.Boyanov, M.P.Sandalski, K.I.Ivanov Paisii Hilendarski Plovdiv University, Bulgaria
Deactivation of Cu - Cr/?-alumina catalysts for combustion of exhaust gases	Krasimir Ivanov, Dimitar Dimitrov, Boyan Boyanov Paisii Hilendarski Plovdiv University, Bulgaria
Advanced materials in Multi-chip Module (MCM) technology	Assia A Hanzaz Omar Al-Mukhtar University, Libya
Simulation Of A Double-Sided Axial Flux Brushless Dc Two-Phase Motor Dynamics	Abdolamir Nekoubin Islamic Azad University Najaf Abad Branch, Iran
Investigation on effect of geological parameters on environment static pollution AMOL area	Mohammad Taghvaei Islamic Azad University , Ghaemshahr Branch, Iran
Capacitor Placement In Distribution Systems Using Simulating Annealing (Sa)	Esmail Limouzade,Mahmood Joorabian, Najaf Hedayat Dezful Islamic Azad University, Iran
Factors Effective Controlling Corrosion And Sedimentation In Cooling Water Pipe And Methods To Prevent It	Sadegh Torfi, Eisa Noveiri Islamic Azad University Susangerd Branch, Iran
Feature Weighting and Selection - A Novel Genetic Evolutionary Approach	Serkawt Khola University of Soran, Iraq
Investigation on effect of geological parameters on environment static pollution AMOL area	Mohammad Taghvaei Islamic Azad University Qaemshahr Branch, Iran
Critical reactor simulation of (232Th, 235U)O2 fuel matrix using MCNP-4C	Zohreh Gholamzadeh, Marzieh Rezazadeh, Yacine Kadi, Claudio Tenreiro Institution Talca university, Chili
Prediction of Heat Storage Coefficient of different soil using a new resistor model	Anil Kumar Shrotriya Institution Seth Motilal (P.G.) College, India
Effect of Different Mycorrhizal Inoculums on Some Physiological Aspect of Barley (Hordeum vulgare L.)	Mohammad Rezvani Islamic Azad University, Ghaemshahr Branch, Iran
Exergy and environmental analysis for simple and CHP fuel cell stacks	G.R. Ashari , N.Hedayat, M.H.Ayazi, S. Shalbab Islamic Azad University, Iran
Mechanization Role in Agricultural Economic Development	Nada Zarei, Maryam Saadatifard, Mehdi Zirehzadeh, Najaf Hedayat Islamic Azad University, Dezful Branch, Iran
HPM Solution of Momentum equation for Darcy-Brinkman Model in a parallel plates Channel Subjected to Lorentz Force	Asghar Shirazpour, Seyed Moein Rassoulinejad Mousavi, Hamid Reza Seyf Islamic Azad University, Karaj branch, Iran
Komatiite Basalts Of Fariman In The East Of Iran	Mohammad Ebrahim Fazel Valipour Islamic Azad University - Mashhad Branch, Iran
Investigation of Turbulence Modeling to 3D Simulation of the Ground Effect	Djavareshkian,Parsania,Esmaeli, Ziaforoghi Ferdowsi University of Mashhad, Iran
Corn and Soybean Intercropping in Competition with Redroot Pigweed (Amaranthus retroflexus L.) and Jimson weed (Datura stramonium)	M. Rezvani, M. Aghaalikhani, F. Zaefarian, H. Rahimian mashhadi, E. Zand Sari Agricultural Sciences and Natural Resources University, Sari, Mazandaran, Iran
<b>Technical Equipment</b> 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