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Time	Paper Title	Authors
Wednesday: February 25, 2009		
07:00 08:00	Welcome & Registration	Opening Remarks
08:00 10:30	Chair: S. M. N. Arosha Senanayake	Session – I
	<i>Invited Talk</i> : Sustainable Accreditation of Engineering Education towards World-Class Excellence	Prof. Eric Goh, Panel Head - Engineering Accreditation Council, USM Engineering Campus, Universiti Sains Malaysia
	A Neural Network Approach in Predicting the Blood Glucose Level for Diabetic Patients	Zarita Zainuddin, Ong Pauline, Cemal Ardil School of Mathematical Sciences, Universiti Sains Malaysia, Malaysia
	Smart System for Archery and Shooting Using Ultrasound Sensors	Alpha Agape Monash University, Sunway Campus, Malaysia
	Analysis of Movement Cues in Karate	S. M. N. Arosha Senanayake, Derek Tan Kuan Sing Monash University, Sunway Campus, Malaysia
	Therapeutic Rehabilitation robotics for Lower Extremity – A Review	Chathuri Monash University, Sunway Campus, Malaysia
	System for Determining Within-stroke Variations of Speed in Swimming	S. M. N. Arosha Senanayake Monash University, Sunway Campus, Malaysia
	Laser Aiming Monitoring System for Archery	Mervin Chandrapal, S. M. N. Arosha Senanayake, Edin Suwarganda, Aruni Alahakone, Monash University, Sunway Campus, Malaysia
	Biomechanical Analysis of 10-Pin Bowling Using Wireless Inertial Sensor	Tung Mun Hon, Darwin Gouwanda, S. M. N. Arosha Senanayake, Nick Flyger, Monash University, Sunway Campus, Malaysia
	Kinetics and Inverse Dynamics Analysis of a Human Model	S. M. N. Arosha Senanayake Monash University, Sunway Campus, Malaysia
	Vibrotactile Feedback Systems for Rehabilitation, Sports and Information Display: A Review	S. M. N. Arosha Senanayake Monash University, Sunway Campus, Malaysia
	Precision Smart Force Platform	S. M. N. Arosha Senanayake Monash University, Sunway Campus, Malaysia
	Combining Variable Ordering Heuristics for Improving Search Algorithm Performance	Abdolreza Hatamlou & Mohammad Reza Meybodi & Yusef Farhang Islamic Azad University, Khoy Branch, Iran
	Enhancement Approaches for Supporting Default Hierarchies Formation for Robot Behaviors	Saeed Mohammed Baneamoon , Rosalina Abdul Salam Universiti Sains Malaysia, Pulau Pinang, Malaysia
	Comparison OF VoIP Signaling Protocol	Kyaw Myat Thu Mandalay Technological University, Myanmar
	Adaptation of K-Means Algorithm for Image Segmentation	Ali Salem Bin Samma, Rosalina Abdul Salam Universiti Sains Malaysia, Pulau Pinang, Malaysia
	A Survey: Clustering Ensembles Techniques	Reza ghaemi, Md. Nasir sulaiman, Hamidah Ibrahim, Norwati Mustapha Malaysia
	WPRiMA Tool Managing Risks in Web Projects	Thamer Al-Rousan, Shahida Sulaiman, Rosalina Abdul Salam Universiti Sains Malaysia, Penang, Malaysia
	An Overview Of Some High Order And Multi-Level Finite Difference Schemes In Computational Aeroacoustics	Muhammad Zaid Dauhoo, Appanah Rao Appadu, Department of Mathematics, University of Mauritius, Reduit, Mauritius

	Access Control System: Monitoring Tool for Fiber to the Home Passive Optical Network	Aswir Premadi, Mohammad Syuhaimi Ab-Rahman, Mohamad Najib Mohamad Saupe, Kasmiran Jumari Universiti Kebangsaan Malaysia, Malaysia
	Uniform Overlapped Multi-Carrier PWM for a Six-Level Diode Clamped Inverter	Srinivas Srirama Indian Institute of Technology Madras, India
10:30 10:45	Coffee Break	
10:45 13:00	Chair: Hidetoshi Nonaka	Session – II
	RFU Based Computational Unit Design For Reconfigurable Processors	M. Aqeel Iqbal, Foundation University, Institute of Engineering and Management Sciences, Pakistan
	Application of Cubic Spline Interpolation to walking patterns of biped robot	Aye Aye Thant Ministry of Science and Technology, Myanmar
	Hermite Interpolation by Pythagorean Hodograph Curve	Aye Aye Mon, Khaing Khaing Aye Material Science and Material Engineering Research Centre, Myanmar
	Fuzzy Logic PID Control of Automatic Voltage Regulator System.	Aye Aye Mon & Khaing Khaing Aye. Material Science and Material Engineering Research Centre, Myanmar
	No-Reference Image Quality Assessment using noise and blur	Min Goo Choi Korea
	Navigation Patterns Mining Approach based on Expectation Maximization Algorithm	Manijeh Jalali, Norwati Mustapha, Mehrdad Jalali, Abolghasem Bozorgnia, Mashhad Islamic Azad University, Iran
	Matlab/Simulink Modelling Of Induction Motor Starting Process	Mustafa Al-Refai Alfatah University Tripoli Libya
	Developing Conceptual View of Schema Mapping on Data Format for Healthcare Data Warehousing	Fatihah Ramli Institution Universiti Malaysia Sarawak, Malaysia
	Dynamic Mobile Multicast Group Membership Management Protocol	Vasaki Ponnusamy, Dharmidran Anantharsekaran Sunway University College, Sunway City Ipoh
	A Survey On Wired and Mobile Group Management Protocol	Vasaki Ponnusamy, Dharmidran Anantharsekaran Sunway University College, Sunway City Ipoh
	Efficient Scheduling Algorithm to QoS Support in High Speed Downlink Packet Access	Mohammad Reza HeidariNezhad, Zuriati Ahmad Zukarnain, Nur Izura Udzir, Mohamed Othman, University Putra Malaysia
	Investigating Emissions Reduction with the addition of 80% Hydrogen and 20% Ethanol to a Spark Ignition Engine	Syed Yousufuddin Department of Mechanical Engineering, Vasavi College of Engineering, India
	Application of LSB Based Steganographic Technique for 8-bit Color Images	Mamta Juneja, Parvinder S. Sandhu and Ekta Walia, Rayat-Bahra Institute Institute of Engineering & Bio-Technology, Mohali, India
	Impact of Faults in Different Software Systems: A Survey	Neeraj Mohan, Parvinder S. Sandhu, and Hardeep Singh Rayat-Bahra Institute of Engineering & Bio-Technology, India
	Multicast Optimization Techniques using Best Effort Genetic Algorithms	Dinesh Kumar, Y. S. Brar, V.K Banga Rayat-Bahra Institute of Engineering & Bio-Technology, India
	Consistency Model and Synchronization Primitives in SDSMS	Dalvinder Singh Dhaliwal, Parvinder S. Sandhu, S. N. Panda Rayat-Bahra Institute of Engineering & Bio-Technology, India
	Efficient Techniques used in CBMIR for Medical Image Retrievals	Pardeep Singh, Dr. Sukhwinder Singh and Gurjinder Kaur Rayat-Bahra Institute of Engineering & Bio-Technology, India
	Analytical Study of Component Based Software Engineering	Iqbaldeep Kaur, Parvinder S. Sandhu, Hardeep Singh, Vandana Saini India
	Optimal estimation of surface reflectance from Landsat TM visible and mid infrared data over Penang Island	Lim Hwee San, Mohd. Zubir Mat Jafri, Khiruddin Abdullah, Nasirun Mohd. Saleh and Tan Kok Chooi, Universiti Sains Malaysia, Malaysia
	Prototype Implementation of Flood Detection and Early Warning System via SMS	Izzatdin Abdul Aziz, Izyan Ahmad Hamizan, Mazlina Mehat and Nazleeni Samiha Haron Computer & Information Sciences Department, Universiti Teknologi Petronas, Malaysia
	The Implementation of Three Dimensional Technique to Visualization SEG-Y Data	Izzatdin Abdul Aziz, Nurul Ashikin Mazelan, Mazlina Mehat and Nazleeni Samiha Haron Computer & Information Sciences Department, Universiti Teknologi Petronas, Malaysia

	Implementation of Interactive Museum Exhibits Information via Bluetooth	Izzatdin Abdul Aziz, Aimi Izyan Kamel, Mazlina Mehat and Nazleen Samiha Haron Computer & Information Sciences Department, Universiti Teknologi Petronas, Malaysia
	Development System for Emotion Detection Based on Brain Signals and Facial Images	Suprijanto, Linda Sari, Vebi Nadhira , IGN. Merthayasa, Farida I.M Institut Teknologi Bandung, Indonesia
	Authentication and Data Hiding Using a Reversible ROI-based Watermarking Scheme for DICOM Images	Osamah M. Al-Qershi, Khoo Bee Ee School of Electrical and Electronic Engineering, University Sains Malaysia, Malaysia
	Time-frequency analysis of EEG Signals Response	Farida Idealistina Muchthadi Institut Teknologi Bandung, Indonesia
	3D CAD models and its feature similarity	Elmi Abu Bakar Toyohashi University of Technology, Japan
	Visualizaton of Conway Polyhedron Notation	Hidetoshi Nonaka Hokkaido University, Japan
	Lattice Boltzmann numerical prediction of flow behavior downstream of cylinder blockage at various Reynolds numbers	Che Sidik Nor Azwadi and Syahrullail Samion Universiti Teknologi Malaysia, Malaysia
	Enhancing Performance of Bluetooth Piconets	Dharmendra Chourishi, Sridevi Seshadri Shinas College of Technology, Sultanate Of Oman
	Weakly generalized closed map	R. Parimelazhagan, N. Nagaveni Department of Science and Humanities, Karpagam college of Engineering, India
	Effective Digital Music Retrieval System through Content-based Features	Bokyoung sung, kwanghyo Koo, Jungsoo Kim, Myung-Bum Jung, Jinman Kwon, Ilju Ko, Soongsil Univ., Seoul, Korea
	An analysis of Acoustic functions nad NAvier-Stokes equation in aerodynamics	Hnin Hnin Kyi Kyi Mandalay Technological University, Myanmar
	One dimensional object segmentation and statistical features of an image for texture image recognition system	Nang Thwe Thwe Oo Department of Engineering Physics, Mandalay Technological University, Myanmar
13:00 14:00	Lunch Break	
14:00 16:30	Chair: Kiyoshi Sawada	Session – III
	Modified Higher Order Finite Difference Time Domain (FDTD) Techniques for Solving Large Electromagnetic Structures	Hany AbdEl-Raouf International Islamic University Malaysia, Malaysia
	A Mixed Integer Programming for Port Anzali Development Plan	Mahdieh Allahviranloo Sazehpardazi Iran Co, Iran
	A Multilevel Approach for Airport Security Resource Allocation	R.Kaffa-Jackou, M. Rodrigues Brochado, L.G. Zelaya Cruz, H. Batatia and F.Mora-Camino Automation and Operations Research Laboratory –LARA at ENAC, the French Civil Aviation Institute in Toulouse
	ORPP with MAIEP Based Technique for Loadability Enhancement	Norziana Aminudin, Titik Khawa Abdul Rahman, Ismail Musirin University Technology Mara, Malaysia
	On A Batch Arrival Queue With Exponential Service In Batches Of Variable Size , Time-Homogeneous Random Breakdowns, General (Arbitrary) Delay Time And General (Arbitrary) Repair Time	Kailash C. Madan College of Information Technology, Ahlia University, Kingdom of Bahrain
	Bit-Error-Rate Performance Analysis of an Overlap-based CSS System	Taeung Yoon, Dahae Chong, Sangho Ahn, and Seokho Yoon Sungkyunkwan University, Korea
	The Performance Analysis of CSS-based Communication Systems in the Jamming Environment	Youngpo Lee, Sanghun Kim, Youngyoon Lee, and Seokho Yoon Sungkyunkwan University, Korea
	Agreement Options on Multi Criteria Group Decision and Negotiation	Christiono Utomo, Arazi Idrus, Madzlan Napiyah, Mohd. Faris Khamidi Universiti Teknologi Petronas, Malaysia
	A Comparative Study of Rigid and Modified Simplex Methods for Optimal Parameter Settings of ACO for Noisy Non-Linear Surfaces	Seksan Chunothisawat, Pongchanun Luangpaiboon Department of Industrial Engineering, Thammasat University, Thailand
	Secure SysML for Modeling Systems and their Security Requirements	Kassem Saleh Kuwait university, Kuwait

	3D Spatial Interaction with the Wii Remote for Head-Mounted Display Virtual Reality	Yang-Wai Chow University of Wollongong, Australia
	Seamless Flow of Voluminous Data in High Speed Network without Congestion Using Feedback Mechanism	T.Sheela, J.Raja Department of Information Technology, India
	All-pairs shortest-paths problem for unweighted graphs in $O(n^2 \log n)$ time	Udaya Kumar Reddy K. R, K. Viswanathan Iyer National Institute of Technology, India
	Knowledge Discovery Techniques for Talent Forecasting in Human Resource Application	Hamidah Jantan, Abdul Razak Hamdan, Zulaiha Ali Othman Universiti Teknologi Mara, Malaysia
	Schema Matching and Database Integration	Yaser Karasneh, Hamidah Ibrahim, Mohammad Othman, Razali Yaakoob, Malaysia
	The Traffic Prediction Multi-path Energy-aware Source Routing (TP-MESR) in Ad hoc Networks	Su Jin Kim, Ji Yeon Cho, and Bong Gyou Lee Yonsei University, Korea
	A Stable Pose Estimation Method for the Biped Robot using Image Information	Sangbum Park Korea
	Image Contrast Enhancement based Sub-histogram Equalization Technique	Hyunsup Yoon, Youngjoon Han, and Hernsoo Hahn Soongsil univ., Korea
	Straightness Error Compensation Servo-system for Single-axis Linear Motor Stage	M. S. Kang, D. H. Kim, J. S. Yoon, B. S. Park, and J. K. Lee Dept. of Mechanical Engineering, Kyungwon University, Korea
	The effects of asymmetric bracing on steel structures under seismic loads	Mahmoud Miri , Soleiman Maramaee University of Sistan & Baluchestan, Zahedan, Iran
	Seismic behavior of steel frames investigation with knee brace based on pushover analysis	Mahmoud Miri, Abdolreza Zare, Hossein Abbas zadeh University of Sistan & Baluchestan, Zahedan, Iran
	Panel Zone Rigidity Effects on Special Steel Moment-Resisting Frames According to the Performance Based Design	Mahmoud Miri, Morteza Naghipour, Amir Kashiryfar University of Sistan & Baluchestan, Zahedan, Iran
	Asymmetric and kind of bracing effects on steel frames under earthquake loads	Mahmoud Miri, Soliman Maramaee University of Sistan & Baluchestan, Zahedan, Iran
	Human facial Expression Recognition using MANFIS Model	V.Gomathi, Dr.K.Ramar, A.Sandhiyaku Jeevakumar Dept. of CSE, National Engineering College, India
	The New AIMD Congestion Control Algorithm	Hayder Natiq, Zuriati Ahmad, Mohamed Othman, Shamala Subramaniam, University Putra Malaysia, Serdang, Malaysia
	Adding Edges between One Node and Every Other Node with the Same Depth in a Complete K-ary Tree	Kiyoshi Sawada, Takashi Mitsuishi University of Marketing and Distribution Sciences, Japan
	Experimental parallel architecture for rendering 3D model into MPEG-4 format	Ajay Joshi and Surya Ismail University of the West Indies, Trinidad and Tobago
	Change Management in Business Process Modeling Based on Object Oriented Petri Net	Bassam Atieh Rajabi, Sai Peck Lee University of Malaya, Malaysia
16:30 16:45	Coffee Break	
16:45 19:00	Chair: Evgeny Barkanov	Session – IV
	Considering Resource Tightness and Critical Activities in Earned Value	M.Rabbani, M.Tabesh, H.Iranmanesh University of Tehran, Tehran, Iran
	A Research in Relationship between ICT and SCM	A. Rayati Shavazi, M. Abzari, A. Mohammadzadeh Iran
	Solving the Dynamic Vehicle Routing Problem with AntNet Algorithm	J.Razmi, B.Ezzati, M.Tabesh University of Tehran, Iran
	Analytical and Experimental Methods of Design for Supersonic Two-Stage Ejectors	S. Daneshmand, C. Aghanajafi, and A. Bahrami Islamic Azad University, Iran
	A hybrid multi objective algorithm for flexible job shop scheduling	Parviz Fattahi Bu-Ali Sina University, Iran
	A Real Time Signal Processing Technique for MIDI Generation	Farshad Arvin, Shyamala Doraisamy University of Putra Malaysia, Malaysia
	Offline Signature Verification System using Hidden Markov Model (HMM): Analysis of Varying Number of States and State Transition Topology	Nurhaniza Bt Bakri, Sharifah Mumtazah Syed Ahmad, Asma Shakil University Tenaga Nasional, Malaysia

	A New Variant of RC4 Stream Cipher	Lae Lae Khine, Department of Engineering Physics, Mandalay Technological University Mandalay, Myanmar
	Performance Gains by Making Two Grid Resource Reservations Simultaneously	Mahmoud Naghibzadeh, Seyyed Mohammad Javadi Moghaddam Department of computer engineering, Ferdowsi University of Mashhad, Iran
	Non-destructive Watermelon Ripeness Determination Using Image Processing and Artificial Neural Network	Shah Rizam M.S.B., Farah Yasmin A.R., Ahmad Ihsan M.Y. and Shazana K., Universiti Teknologi Mara, Malaysia
	Analysis of normal penetration of ogive - nose projectiles into thin metallic targets	M.H.Pol, A.Bidi, G.H. Liaght, S.A.Hoseini Islamic Azad University of Iran
	Structured Analytics: The Creation of The Intelligent Organization	Basel Dayyani The American University in Dubai, Dubai, UAE
	Stress analysis for two fitted thin walled cylinder with high angular velocity	A.V.Hoseini, A.Bidi, M.H.Pol Islamic Azad University of Iran
	A geometrical model for concrete with three main component	iraj rasoolan-s.a. sadrnejad-a.r bagheri K.N.T University, Iran
	Design histories for enhanced concurrent structural design	A.J.Sobey, J.I.R.Blake, R.A.Shenoi University of Southampton, Southampton, UK
	Hydraulic Loss Reduction In Stator Ventilation To Improve Hydro Generator Efficiency Via Experiments and CFD Analysis	G.Chella rao, N.Govindarajulu, N.Gunabushanam, T.K.K.Reddy India
	Haar Transformation of Linear Boolean Functions	H.M. Rafiq, M. U. Siddiqi Faculty of Engineering, Malaysia
	Significance of Splitting Method in Non-linear Grid system for the Solution of Navier-Stokes Equation	M. Zamani and O. Kahar Universiti Tun Hussein Onn Malaysia
	Characterization of adhesive layers in sandwich composites by nondestructive technique	E. Barkanov, E. Skukis, M. Wesolowski and A. Chate Riga Technical University, Latvia
	Model Predictive Control of Gantry Crane with Input Nonlinearity Compensation	Steven W. Su, Hung Nguyen, Rob Jarman, Joe Zhu, David Lowe, Peter McLean, Shoudong Huang, Nghia T. Nguyen, Russell Nicholson, and Kaili Weng Faculty of Engineering, University of Technology, Australia
	Development Techniques of Multi-Agents Based Autonomous Railway Vehicles Control Systems	M. Saleem Khan, Khaled Benkrid School of Electronics & Engineering in Edinburgh University UK
	Design of Liquids Mixing Control System using Fuzzy Time Control Discrete Event Model for Industrial Applications	M.Saleem Khan, Khaled Benkrid School of Electronics & Engineering in Edinburgh University UK
	A New Method For Computing The Corioles And Centripetal Forces Of N-Link Rigid Robot Manipulator	Umesh Kumar Department of Mathematics, Indian Institute of Technology Roorkee, India
	Thursday: February 26, 2009	
08:00 10:30	Chair: Ghazi S. Kahmmash	Session – V
	Continuity of Defuzzification and Its Application to Fuzzy Control	Takashi Mitsuishi, Kiyoshi Sawada, Yasunari Shidama Japan
	Fault Detection of Drinking Water Treatment Process Using PCA and Hotelling's T2 Chart	Joval P George ABB AG Power Technologies, UAE Zheng Chen, Glyndwr University, UK Philip Shaw, United Utilities Plc, UAE
	Sway reduction on gantry crane system using Delayed Feedback Signal and PD-type Fuzzy Logic Controller: A comparative assessment	Mohd Ashraf Ahmad Universiti Malaysia Pahang, Malaysia
	The Decentralized Adaptive Nonlinear controller of robot manipulator	Sun Lim and Il-Kyun Jung Korea Electronic Technology Institute, Korea
	Neuro Fuzzy and Self Tuning Fuzzy Controller to Improve Pitch and Yaw Control Systems Responses of Twin Rotor MIMO System	Thair Sh. Mahmoud, Tang Sai Hong, and Mohammed H. Marhaban, University Putra Malaysia
	Lower energy Gait Pattern Generation in 5-Link Biped Robot Using Image Processing	Byoungyun Kim, Youngjoon Han, HERNSOO HAHN Soongsil Univ., Korea
	Control of A Cart-Ball System Using State-Feedback Controller	M. Shakir Saat, M. Noh Ahmad, Amat Amir Technical University of Malaysia Malacca, Malaysia

	Four suggested plans of underwater robo-snake	Sahab Babae, Hossein Sharifazadeh Iran
	Geolocation estimation for mobile users in UMTS by Particle Swarm Optimization	Mohammad Reza Amini Iran
	A Context-Aware Supplier Selection Model	Mohammadreza Razzazi, Maryam Bayat Amirkabir University of Technology, Tehran, Iran
	An Artificial Emotion Model For Visualizing Emotion of Characters	Junseok Ham, Chansun Jung, Junhyung Park, Jihye Ryeo, Ilju Ko Soongsil University, Republic of Korea
	Performance Evaluation of Online Text-based Strategy Game	Nazleeni Samiha Haron, Mohd Khairul Zaime, Izzatdin Abdul Aziz, Mazlina Mehat Department of Computer and Information Sciences Universiti Teknologi Petronas Bandar Seri Iskandar, Malaysia
	Software Maintenance Severity Prediction with Soft Computing Approach	Ebru Ardil, Erdem Uçar, Parvinder S. Sandhu Department of Computer Engineering, Trakya University, Edirne, Turkey
	How prior knowledge affects user's understanding of system requirements?	Balsam Mustafa, Safaai Deris University Technology Malaysia, Malaysia
	Real-Time Hand Tracking and Gesture Recognition System Using Neural Networks	Tin HninHnin Mg Mandalay Technological University, Mandalay
	Traffic Flow on Road Junctions	Wah Wah Aung, Cho Cho San Department of Engineering Mathematics, Mandalay Technological University, Myanmar
	Numerical solution and estimation parameters of stochastic differential equation the Yule process	R. Rezaeyan, R. Farnoosh Department of Mathematics, Islamic Azad University, Iran
	Constructing Approximate and Exact Solutions for Boussinesq Equations using Homotopy Perturbation Padé Technique	Mohamed Medhat Mousa, Aidarkhan Kaltayev Al-Farabi Kazakh National University, Almaty, Kazakstan
	Effect of a magnetic field on the onset of Marangoni convection in a micropolar fluid	Mohd Nasir Mahmud, Ruwaidiah Idris, Ishak Hashim Malaysia
	Around canonical measures of a colored disordered lattice gas	Zeghdoudi Halim and Boutabia Hacène Badji-Mokhtar University, Algeria
	The effect of the initial stresses on the reflection and transmission of plane quasi-vertical transverse waves in piezoelectric materials	Fatimah Ali Alsheikh, Abo-El-Nour Nour-Aldeen Abd-Alla Jazan University, Saudi Arabia
	On Generalized New Class of Matrix Polynomial Set	Ghazi S. Kahmmash AL_Aqsa University, Palestine
	Important Criteria of Rectifying Inspection for Single Sampling Plan with fuzzy parameter	Ezzatallah Baloui Jamkhaneh, Bahram Sadeghpour-Gildeh, Gholamhossein Yari, Islamic Azad University of Ghaemshahr, Iran
10:30 10:45	Coffee Break	
10:45 13:00	Chair: Kala Jiri	Session – VI
	Marangoni Convection in a Fluid Saturated Porous Layer with a Deformable Free Surface	Nor Fadzillah Mohd Mokhtar, Norihan Md Arifin, Roslinda Nazar, Fudziah Ismail, Mohamed Suleiman, Universiti Putra Malaysia
	Contingency Ranking Based on Line Flow Index	Shobha Shankar, T. Ananthpadmanabha VidyaVardhaka College of Engineering, India
	Estimation Of Unbalanced Load Impedance In Presence Of Harmonics	Khaled M. EL-Naggar Electrical Engineering Departments, Collage of Technological Studies, Kuwait
	Damping of Power System Oscillations by using coordinated tuning of POD and PSS with STATCOM	Sarika Kanojia, V.K. Chandrakar G.H. Rasoni College of Engineering, Nagpur
	Investigation into Method for Measurement of Transmission Tower Footing Earth Resistance	Noradlina Abdullah, Aziz Marzuki Ahmad Marican, A.M. Davies Kawasan Institusi Penyelidikan, Malaysia
	Economic Dispatch Problem Considering Natural Gas Transportation Cost	Habib Rajabi Mashhadi, Sara Mohtashami Fedowski University of Mashhad, Iran
	Response of the residential building structure on load technical seismicity due to mining activities	Salajka Vlastislav, Kalab Zdenek, Hradil Petr, Kala Jiri Brno University of Technology
	Earthquake analysis of reinforce concrete framed structures with added viscous dampers	Farzad Hejazi, Jamaloddin Noorzaei, Mohd Saleh Jaafar, Abang Abdullah Abang Ali

		Department Of Civil Engineering, University Putra Malaysia, Malaysia
	Seismic Performance Of Knee Braced Frame	Mina Naeemi, Majid Bozorg Deep Offshore Technology, Iran
	Prediction of stress-strain curve of concrete reinforced by composite fibers using artificial neural network	M.Fathi, M.Jalal, K.Garmsiri Technical Faculty of Civil Engineering, Razi University, Iran
	Experimental study on effect of steel fibers resulted from industrial deposits in concrete flexural strength and ductility improvement	M.Hajisotoode,M.Fathi,M.Jalal Department of civil Engineering School of Engineering Razi University, Iran
	Determining the maximum lateral displacement due to sever earthquakes without using nonlinear analysis	Mussa Mahmoudi Civil Engineering Department, Shahid Rajaei Teacher Training University, Tehran, Iran
	Evaluation of dynamic behavior of battered pile groups under seismic excitations through finite element method	Alimohammad Sheikhabaei Isfahan University of Technology, Iran
	Footbridge Response on Single Pedestrian Induced Vibration Analysis	Kala Jiri, Salajka Vlastislav, Hradil Petr Brno University of Technology
	Experimental Investigation on Excess Pore Water Pressure in Soft Soil-Foundations under Minor Shocks	Zhiying Zhang, Chongdu Cho, Qiang Pan, Xilin Lu Inha University, Korea
	Experimental Study on Damping Ratios of in-situ Buildings	Zhiying Zhang, Chongdu Cho Inha University, Korea
	Computational Investigations of Concrete Footing Rotational Rigidity	E.S.Fraser; G.P.A.G.van Zijl South Africa
	Effect of Interior Brick-infill Partitions on the Progressive Collapse Potential of a RC Building: Linear Static Analysis Results	Meng-Hao Tsai and Tsuei-Chiang Huang Taiwan
	Study on Indonesian Seismic Code SNI 03-1726-2002 and Seismic Impact to High-rise Buildings in Jakarta, Indonesia	C M Yang Mannings (Asia) Consultants Limited, Hong Kong S.A.R.
	Study Of Uniaxially Asymmetric Seismically Isolated RC Building	Parik Garg,Mayank Delwadia, Alok Kumar Chaubey, Yogesh D. Patil India
	Behaviour of Base-Isolated Structures with High Initial Isolator Stiffness	Ajay Sharma, R.S. Jangid Department of Civil Engineering, India
	Gutenberg-Richter Recurrence Law to Seismicity Analysis of Southern Segment of the Sagaing Fault and Its Associate Components	Yin Myo Min Htwe, Shen WenBin School of Geodesy and Geomatics, Wuhan University, China
	A New Method For Computing The Corioles And Centripetal Forces Of N-Link Rigid Robot Manipulator	Umesh Kumar Department of Mathematics, Indian Institute Of Technology, India
13:00 14:00	Lunch Break	
14:00 16:30	Chair: Hamidah Ibrahim	Session – VII
	Design of Multi-disease Diagnosis Processor using Hypernetworks Technique	Jae-Yeon Song, Seung-Yerl Lee, Kyu-Yeul Wang, Byung-Soo Kim, Sang-Seol Lee, Seong-Seob Shin, Jae-Young Choi and Chong Ho Lee, Jaehyun Park and Duck-Jin Chung. Inha Univ., Namgu, Korea
	Adaptive Motion Estimator Based on Variable Block Size Scheme	S. Dhahri, A. Zitouni, H. Chaouch, R. Tourki Electronics and Micro-Electronics Laboratory, Faculty of Sciences of Monastir, Tunisia
	Distributed Query Processing in P2P Network using JXTA	Meghdad Mirabi, Hamidah Ibrahim, Mostafa Nikpour Kermanian, and Razali Yaakob, Universiti Putra Malaysia
	Meandered Microstrip Open Circuited Stub with Bandstop Characteristic	Goh Chin Hock, Chandan Kumar Chakrabarty, Mohammad Hadi Badian and Sanjay Devkumar Department of Electronics and Communication, College of Engineering, Universiti Tenaga Nasional, Malaysia
	Algorithms for the Fast Computation of PWL and PHL Transforms	F. Belgassem, A. Nigrat, S. Ghrari Higher Institute of Electronics, Libya
	Acoustic Noise Reduction in Single Phase SRM Drives by Random Switching Technique	Minh-Khai Nguyen, Young-Gook Jung, and Young-Cheol Lim Chonnam National University, S.Korea
	Parameters Extraction for Pseudomorphic HEMTs using Genetic Algorithms	Mazhar B. Yayel, Amr H. Yassin Faculty of Engineering , Alexandria University

	A Blind SLM Scheme for Reducing PAPR In OFDM Systems	K. Kasiri, M. J. Dehghani Shiraz University of Technology, Iran
	Comparison of S-transform and wavelet transform as power quality analysis methods	M. J. Dehghani Shiraz University of Technology, Iran
	The Effect of RCA Clean Variables on Particle Removal Efficiency	Siti Kudnie Sahari, Jane Chai Hai Sing, Khairuddin Ab. Hamid Universiti Malaysia Sarawak, Malaysia
	Low-MAC FEC controller for JPEG2000 image transmission over IEEE 802.15.4	Kyu-Yeul Wang, Sang-Seol Lee, Jea-Yeon Song, Jea-Young Choi, Seong-Seob Shin, Dong-Sun Kim, Duck-Jin Chung Inha University, South Korea
	Mask Creation for DNA computing using Genetic Algorithm	Sang-Seol Lee Inha University, South Korea
	Modeling of Close loop V/f control of induction Motor using Matlab Simulink and studying its dynamic response	Pranil D.Bhagat priyadarshini College of Engg, India
	e-Document Retrieval by Question Answering System	Dang Tuan Nguyen University of Information Technology, Vietnam National University – HCMC, Vietnam
	Major Virtual Learning Programs In Iran	Mohamed Tavakol, Tehran University, Iran
	An Improved Algorithm for Channel Estimations of OFDM system based Pilot Signal	Ahmed N. H. Alnuaimy, Ayman A. El-Saleh, Mahamod Ismail, Mohd. A. M. Ali, and Kasmiran Jumari, Universiti Kebangsaan Malaysia
	Capacity Optimization for Local and Cooperative Spectrum Sensing in Cognitive Radio Networks	Ahmed N. H. Alnuaimy, Ayman A. El-Saleh, Mahamod Ismail, Mohd. A. M. Ali, and Kasmiran Jumari, Universiti Kebangsaan Malaysia
	Investigation of the Extend of Information Technology Usage and Assessment of Its Capabilities in Agricultural System of Iran	Solieman Rasouliazar, Mohammad Chizari, Seyed Jamal F. Hosseini Islamic Azad University branch of Mahabad, Mahabad, Iran
	Statistical (Radio) Path Loss Modelling: For RF Propagations within localized Indoor and Outdoor Environments of the Academic Building of INTI University College (Laureate International Universities)	Emmanuel Ovie Oghenekenu Ojakominor, Tian Fat Lai INTI University College (Laureate International Universities), Malaysia
	Low Complexity MIMO Pre-equalization for Cyclic Prefix CDMA system	Najib A.Odhah, Kamal H . Awadallah, Moawad I. Dessouky and Fathi E. Abd El-Samie, Faculty of Electronic Engineering, Egypt
	Efficient Implementation of Downlink CDMA Beamforming	Najib A.Odhah, Kamal H . Awadallah, Moawad I. Dessouky and Fathi E. Abd El-Samie, Faculty of Electronic Engineering, Egypt
	A Compact PI Network for reducing Bit Error Rate in Dispersive FIR Channel Noise Model	Kavita Burse, R.N. Yadav, S.C. Shrivastava, Vishnu Pratap Singh Kirar Truba Institute of Engineering & Information Technology, India
	IT/IS Outsourcing Relationship Factors in Higher Education Institution: Behavioral Dimensions from Client Perspectives	Nor Aziati Abdul Hamid and Rajeev Suberamany Technology Management Department at Faculty of Technology Management in University Tun Hussein Onn Malaysia, Malaysia
16:30 16:45	Coffee Break	
16:45 19:00	Chair: Dayang Rohaya Awang Rambli	Session – VIII
	Parallel Distributed Computational Microcontroller System for Adaptive Antenna Downlink Transmitter Power Optimization	Prajindra Sankar Krishnan, Tiong Sieh Kiong, Johnny Koh Siaw Paw University Tenaga Nasional, Malaysia
	On the Standardizing the Metal Die of Punch and Matrix by Mechanical Desktop Software	Mohamadreza Mosalman Yazdi Islamic Azad University, Maybod, Iran
	Battery Life Optimization of mobile devices by introduction of new Operable Modes	Srinivasan.V, Arunkumar.N VIT University, India
	Effect of atmospheric turbulence on acquisition time of ground to deep space optical communication system	Hemani Kaushal, V.K.Jain, Subrat Kar Universiti Teknologi Petronas, Malaysia
	Application of Neural Networks for 24-Hour-Ahead Load Forecasting	Fatemeh Mosalman Yazdi Mehriz Islamic Azad University, Iran
	Data Centric Routing Protocol	H.Srikanth Kamath E & C Dept., Mit Manipal
	Building An Efficient Network Intrusion Detection Model Using Self Organising Maps	Mrutyunjaya Panda And Manas Ranjan Patra Gandhi Institute Of Engineering And Technology, India

	MATLAB-based System for Centralized Monitoring and Self Restoration against Fiber Fault in FTTH	Boonchuan Ng, Mohammad Syuhaimi Ab-Rahman, Kasmiran Jumari Universiti Kebangsaan Malaysia, Malaysia
	Seismic Behavior and Capacity/Demand Analyses of a Simply-Supported Multi-Span Precast Bridge	Nasim Shatarat, Adel Assaf Department of Civil Engineering, Hashemite University, Jordan
	How CATV Survive in the Era of Convergence?	Jin-Kyung Park, Juho Song, and Bong Gyou Lee Yonsei University, South Korea
	i-Feeder: An Automated Fish Feeding System for Aqua Farming	Durrussaadah Mohamed Azam Zaki, Norshuhani Zamin , Low Tang Jung, Universiti Teknologi Petronas, Malaysia
	VXML: Proposing an Alternative Technology for Accessing Website Contents in Malaysia	Norshuhani Zamin, Mohd Hafiz Hashim, Shakirah Mohd Taib Universiti Teknologi Petronas, Malaysia
	Performance Evaluation of Wimax System using Convolutional Product Code	Ahmed Ebian, Mona Shokair and K. H. Awadalla Egypt
	Signalling Cost Analysis of PDE-NEMO	Kamarularifin Abd Jalil, John Dunlop Universiti Teknologi MARA, Malaysia
	A Step-wise Zoom Technique for Exploring Image-based Virtual Reality Application	D.R.Awang Rambli, S. Sulaiman, M.Y. Nayan, A.R. Asoruddin, Universiti Teknologi Petronas, Malaysia
	Wireless Sensor Networks: Delay Guarentee and Energy Efficent MAC Protocols	Marwan Ihsan Shukur, Lee sheng chyan, Vooi Voon Yap Universiti Teknologi Petronas, Malaysia
	Friday: February 27, 2009	
08:00 10:30	Chair: Al-Falahi Amir	Session – IX
	Correlation of Partial Discharge Occurrence in Power Transformer by using Self Organizing Map, Acoustic Partial Discharge and DGA	Raffi Samsudin, Tiong Sieh Kiong, Ahmad Qisti Ramli Malaysia
	Experimental And Numerical Simulation To Study The Two-Dimensional Effects Due To Area Contraction Near The Diaphragm Of A Shock Tube	Al-Falahi Amir, Yusoff M. Z, N. H. Shuaib University Tenaga Nasional Uiten, College of Engineering, Malaysia
	Shrinkage of High Strength Concrete	S.M. Gupta, V.K. Sehgal, S.K. Kaushik National Institute of Technology, India
	Vibration Damping Of High-Chromium Ferromagnetic Steel	Satish Bhujang Mutt, Girish Bhujang Mutt, Mahesh K. Department Of Mechanical Engineering, East Point College Of Engineering And Technology, India
	Optimization of Structure of Section-Based Automated Lines	Ryspek Usubamatov, M. Z. Abdulmuin School of Manufacturing Engineering, Malaysia
	Acceleration Analysis of a Rotating Body	Ryspek Usubamatov School of Manufacturing Engineering, Malaysia
	Reliability of Chute-Feeders in Automatic Machines of High Production Capacity	Ryspek Usubamatov, A. Usubamatova, S. Hussain School of Manufacturing Engineering, Malaysia
	On The Security of Hash Functions	Myo Myo Aung Department of Engineering Physics, Mandalay Technological University, Mandalay
	An Efficient Authentication Scheme for Digital Credential	Nang Tin Moe Naing Department of Engineering Physics Mandalay Technological University Myanmar
	A Comparison of Sato and CMA Algorithm in Blind Equalization and Identification of Communication Channels.	Norfizah Md. Ali, Jewel Aich Department of Electrical Engineering, University of Malaya, Malaysia
	Genome Sequence Analysis by Matlab Histogram Comparison between Image-sets of Genetic Data	Muneer Ahmad, Hassan Mathkour Department of Computer Science, College of Computer and Information Sciences, King Saud University, Saudi Arabia
	Fault Management in Survivable WDM Optical Networks: An hybrid algorithm approach	P.C.Srikanth, M.V.Sathyanarayana and T.Srinivas Malnad College Of Engineering ,India
	A Talking Head System for Korean Text	Sang-Wan Kim, Hoon Lee, Kyung-Ho Choi and Soon-Young Park Mokpo National University, Korea
	Calculation of Heating Load for an Apartment Complex with Unit Building Method	Ju-Seok Kim, Sun-Ae Moon, Tae-Gu Lee, Seung-Jae Moon, Jae-Heon Lee Hanyang University, Seoul, South of Korea
	Electronic Learning Media (eLM): Reality Learning Media (RLM) vs Video	Ariffin Abdul Motalib and Norshuhada Shiratuddin College of Art and Science (Applied Science) Universiti Utara Malaysia, Malaysia

	Performance optimization of Data Mining Application using Radial Basis Function Classifier	M.Govindarajan.RM.Chandrasekaran Annamalai university, India
	Analysis of Polymer Surface Modifications due to Discharges Initiated by Water droplets Under High Electric Fields	Michael G. Danikas - Ramanujam Sarathi - Pavlos Ramnalis – Stefanos L. Nalmpantis Department of Electrical Engineering, Indian Institute of Technology Madras, India
	Understanding Charge Dynamics in Elastomers Adopting Pulsed Electro Acoustic (PEA) Technique	R. Sarathi, M.G. Danikas, Y. Chen, T. Tanaka Department of Electrical Engineering, Indian Institute of Technology Madras, India
	Reliability Evaluation using Triangular Intuitionistic Fuzzy Numbers Arithmetic Operations	G.S. Mahapatra and T. K. Roy Mathematics Department, Bengal Engineering and Science University, India
	A new application of stochastic transformation	Nilar Win Kyaw Department of Engineering Physics, Mandalay Technology University, Mandalay
	Structure-vibration Analysis of a Power Transformer	Young-Dal Kim, Jae-Myung Shim, Woo-Yong Park, Sung-joong Kim, Dong Seok Hyun, Dae-Dong Lee, Dept. of Electrical Engineering, Korea
	On Using Educational Computers for HPC Applications in Campus	Susi Juniastuti, Mochamad Ashari, Arief Kurniawan, and Tohru Kondo, Jurusan Teknik Elektro Fti-Its , Kampus Keputih Sukolilo, Surabaya, Indonesia
	Impact of ICT on Primary Education	Sanjay Mohapatra and Rajeev roy Xavier Institute of Management, Bhubaneswar, India
	Implementing an Intuitive Reasoner with a Large Weather Database	Yung-Chien Sun and O. Grant Clark McGill University, Canada
	Designing a Fuzzy Logic Controller to Enhance Directional Stability of Vehicles under Difficult Maneuvers	Mehrdad N. Khajavi , Golamhassan Paygane , Ali Hakima Rajae University, Lavizan, Iran
	Mechanical Characteristics and Modeling of Multiple Trench Friction Pendulum System with Multi-intermediate Sliding Plates	C. S. Tsai Department of Civil Engineering, Feng Chia University, Taiwan
	Modern Consequences in Cryptanalysis and Thier Implication on System Protection	Arul lawrence selvakumar.Arokiaraj Royal College of Engineering & Technology, India
	Coverage Strategies for Wireless Sensor Networks	Nor Azlina Ab. Aziz, Kamarulzaman Ab. Aziz, Wan Zakiah Ismail Multimedia University, Malaysia
	Prediction of Uplift Capacity of Single Piles subjected to compressive loads in Marine clay	Namita Adarshi, N.R.Patra Department of Civil Engineering, India
10:30 10:45	Coffee Break	
10:45 13:00	Chair: Takeru Yokoi	Session – X
	Large-Eddy Simulation of Hypersonic Configuration Aerodynamics	Huang Shengqin, Xiao Hong China
	Information Filtering using Index Word Selection based on the Topics	Takeru Yokoi, Hidekazu Yanagimoto, Sigeru Omatu Tokyo Metropolitan College of Industrial Technology, Tokyo, Japan
	Robust Nonlinear Control of Two Links Robot manipulator and Computing Maximum Load	Hasanifard Goran, Habib Nejad Korayem Moharam Engineering Department, Islamic Azad University of Sanandaj, Sanandaj, Iran
	Capacitive Air Bubble Detector Operated at Different Frequencies for Application in Hemodialysis	Mawahib Gafare Abdalrahman Ahmed, Abdallah Belal Adam, and John Ojur Dennis, Uinversiti Teknologi Petronas, Malaysia
	Support Vector Machines for Understanding Lane and Sidewalks	Hoon Lee, Soonyoung Park, Kyoung-ho Choi Mokpo National University, South Korea
	Remote Login Downloader	Sadasivam Subbarayan, Karthick Ramanathan Sulochanan INTI International University College, Malaysia
	Semi-automatic Approach for Semantic Annotation	M.Yasrebi, M.Mohsenzadeh Islamic Azad University, Shiraz
	Industrial Tariff Minimization Using Evolutionary Programming Technique	M.Vidhyavathi, G.Anand Department Of Foeat, Inti University College, Malaysia
	Inefficiency of Data Storing in Physical Memory	Kamaruddin Malik Mohamad, Sapiee Haji Jamel, Mustafa Mat Deris Universiti Tun Hussein Onn, Malaysia

	Fuzzy PID based PSS Design using Genetic Algorithm	Ermanu Azizul Hakim, Adi S, Mauridhi HP Muhammadiyah University of Malang, Indonesia
	Totally Integrated Smart Energy System through Data Acquisition via Remote Location	Muhammad Tahir Qadri, M Irfan Anis, Muhammad Nawaz Irshad Sir Syed University of Engg. & Technology, Pakistan
	Harmonic Reduction In Three-Phase Parallel Connected Inverter	M.A.A. Younis, N. A. Rahim, and S. Mekhilef University Industry Selangor, Malaysia
	FT-IR study of stabilized PAN fibers for fabrication of Carbon Fibers	Eslami Farsani, Reza - Raissi, Sadigh- Shokuhfar, Ali - Sedghi, Arman Islamic Azad University, South Tehran Branch, Iran
	Generating an Artificial Ground Motion using (RBF) Neural Network	G. Ghodrati Amiri and A. Asadi Iran University of Science & Technology, Iran
	Breakdown of LDPE Film under Heavy Water Absorption	Eka Putra Waldi Toyohashi University of Technology, Japan
	Static Voltage Stability Assessment Considering The Power System Contingencies using Continuation Power Flow Method	Mostafa Alinezhad, Mehrdad Ahmadi Kamarposhti Mazandaran Regional Electrical Company, Iran
	Enhance Knowledge Management Process for Group Decision Making	Rizwana Irfan Comsats Institute of Information Technology, Pakistan
	An Efficient Quadtree-Based Join Algorithm for Large Databases	Hatim A. Aboalsamh King Saud University, Saudi Arabia
	A New Method in Blocking Sidelobe Distortion from Radar Fundamental Signal	Pouya Derakhshan-Barjoei Islamic Azad University, Young Researchers Club, Naein Branch, Iran
	Session Keys Management System between Smart Card and Machine	Moe Thida Mandalay Technological University, Mandalay
	Comparison of SVC and STATCOM in Static Voltage Stability Margin Enhancement	Mehrdad Ahmadi Kamarposhti and Mostafa Alinezhad Young Researchers Club, Ghaemshahr Branch, Ghaemshahr, Iran
	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