

2010 International Conference on Science and Social Research

(CSSR 2010)

**Kuala Lumpur, Malaysia
5-7 December 2010**

Pages 1-656



**IEEE Catalog Number: CFP1076L-PRT
ISBN: 978-1-4244-8987-9**

TABLE OF CONTENTS

A11: CHEMICAL APPLICATIONS

Biosorption Characteristics of Lead [Pb(II)] by Pleurotus Ostreatus Biomass	1
<i>Hong-Hooi Liew, Chia-Chay Tay, Soon-Kong Yong, Salmijah Surif, Suhaimi Abdul-Talib</i>	
Copper (II) Biosorption Characteristic of Pleurotus Spent Mushroom Compost	6
<i>Chia-Chay Tay, Ghufran Redzwan, Hong-Hooi Liew, Salmijah Surif, Soon-Kong Yong, Suhaimi Abdul-Talib</i>	
Radical Scavenging and Neurotoxicity of Four Varieties of Ficus Deltoidea	11
<i>Syazwani Dzolin, Mazatulikhma Mat Zain, Sharifah Ruzaina Syed Aris, Rohaya Ahmad</i>	
Adsorption of Reactive Orange16 from Aqueous Solutions by MgAlNO₃-LDH: Kinetic and Equilibrium Studies	16
<i>Siti Mariam Sumari, Zaini Hamzah, Yamin Yasin</i>	
Kinetics of Thermal Degradation of Red Anthocyanin Extract from Dendrobium Sonia 'Red Bom' Flower	21
<i>Pat M. Lee, Kong Hung Lee, A. Noor Hafizah</i>	

C11: ACCOUNTING APPLICATIONS

Balanced Scorecard Equity Valuation Model	25
<i>Mohd Halim Kadri, Muhd Kamil Ibrahim, Abdul Aziz Rozainun</i>	
Empirical Evidence of Hidden Reserves Movement in Malaysia	31
<i>Henny Hazliza Mohd Tahir, Rosmawati Haron, Mohd Halim Kadri, Muhd Kamil Ibrahim</i>	
An Exploratory Study on the Possibility of Misappropriation of Assets Occurring in a Local Authority	36
<i>Rozaiha Ab Majid, Nafisah Mohamed, Azizah Abdullah, Zanariah Mahmud</i>	
Mudharabah And Musyarakah Models of Joint Venture Investments Between Two Parties	42
<i>Maheran Mohd Jaffar</i>	
Strategy Maps as a Communication Tool in Balanced Scorecard Implementation: Study of a Malaysian Utility Company.....	48
<i>Hazeline Ayoub, Normah Omar, Ibrahim Abdul Rahman</i>	
Bridging Theory and Practice: Lessons on Management Accounting from Selected Practices in Malaysia	53
<i>Abdul Aziz Rozainun</i>	

H11: COMPUTATION

Ranking Fuzzy Numbers Using Similarity Measure with Centroid	58
<i>Ahmad Syafadli Abu Bakar, Mohamad Daud, Nor Hashimah Sulaiman</i>	
An Ethnomathematical Study of Triaxial Weave in Tudung Saji Weaving	64
<i>Mohamad Daud, Rokiah Embong, Noor Aishikin Adam</i>	
Modeling Centre-Based Hard and Soft Clustering for Y Chromosome Short Tandem Repeats (Y-STR) Data	68
<i>Ali Seman, Zainab Abu Bakar, Azizian Mohd. Sapawi</i>	
The Mechanization of Multires Algorithm and Computation of Mixed Volume Using Mixed Subdivision for Sparse Resultants	74
<i>Shamsatun Nahar Ahmad, Nor'Aini Aris, Siti Farah Haryatie Mohd Kanafiah</i>	
Discovering Structural Break in Precious Metal Time Series Data	80
<i>Nurul Najwa Jatarona, Mohd Tahir Ismail</i>	
Forecasting Volatility Data Base on Wavelet Transforms and ARIMA Model	86
<i>Sadam Mahmoud Issa Alwadi, Mohd Tahir Ismail, Samsul Ariffin Abdul Karim, Alsaidi Altaher</i>	

D11: ENGINEERING APPLICATIONS 1

Heat Transfer Simulation of a Single Channel Air-Cooled Polymer Electrolyte Membrane Fuel Cell Stack with Extended Cooling Surface	91
<i>Wan Ahmad Najmi Wan Mohamed, Rahim Atan, Abbas Abdullah Ismail</i>	
Static Stability of Baseline-II Blended Wing-Body Aircraft at Low Subsonic Speed: Investigation Via Computational Fluid Dynamics Simulation	97
<i>Rizal Nasir, Wahyu Kuntjoro, Wirachman Wisnoe, Zurriati Mohd. Ali, Firdaus Mohamad, Nor Fazira Reduan, Ramzyzan Ramly</i>	
The Dynamic Analysis of Rotating Double-Disk-Shaft with Crack.....	103
<i>Ahmad Azlan Mat Isa, Wahyu Kuntjoro</i>	
Experimental Investigation of Center Elevator Deflection on Aerodynamics of UiTM's Blended Wing Body (BWB) Baseline-I Unmanned Aerial Vehicle (UAV)	108
<i>Wirachman Wisnoe, Zurriati Mohd. Ali, Firdaus Mohamad, Nor Fazira Reduan, Rizal Nasir, Wahyu Kuntjoro</i>	
Design and Analysis for Development of a Wing Box Static Test Rig.....	113
<i>Ramzyzan Ramly, Wahyu Kuntjoro, Wirachman Wisnoe, Rizal Nasir</i>	
Assessment of Stabilization Methods for Soft Soils by Admixtures.....	118
<i>Sina Kazemian, Bujang K. Huat</i>	

F11: FRONTIERS IN EDUCATION

Internet Instruction in Improving Students' Grammar Learning.....	122
<i>Faizah Mohamad</i>	
Developing Students' Abilities in Monitoring Learning Via Reflective Journal Writing.....	127
<i>Gurnam Kaur Sidhu, Yuen Fook Chan, Sarjit Kaur</i>	
Thinking and Learning in Education: An Evolving Framework for the Next Decade	133
<i>Megawati Omar, Abu Bakar Majeed</i>	
A Corpus-Based Comparison of Idiom Use by Malaysian, British and American Students.....	139
<i>Simon Botley, Faizal Hakim, Lilly Metom</i>	
Measuring Andragogy: A Case of E-PJJ Students at InED, UiTM	145
<i>Rugayah Hashim, Nor 'Aini Ahmad, Hashim Ahmad</i>	
Portfolio Assessment: A Frontier Educational Method in ESL Classroom.....	148
<i>Yuen Fook Chan, Gurnam Kaur Sidhu, Teti Rozi Ariffin, Natasha Aishah Mohd Zameri</i>	

E11: HEALTH CARE & LIFESCIENCE

Trabeculectomy Success Rate Among Glaucoma Patients in Kelantan, Malaysia.....	154
<i>Khairil Anuar Md. Isa, Liza Shamini Ahmad Tajudin</i>	
Suggesting a Derivative of Isoindol-1-One from a Vitex Species	160
<i>Ibtisam Abdul Wahab, Mizaton Hazizul Hasan, Aisyah Hasyila Jahidin</i>	
Volume Quantification of 123I-DATSCAN Imaging by MatLab for the Differentiation and Grading of Parkinsonism and Essential Tremor	163
<i>Maria E. Lyra, John Striligas, Maria Gavrilletti, Nefeli Lagopati</i>	
A Derivative of Furan-2,3-Diol from Pandan Extract.....	169
<i>Hannis Fadzillah Mohsin, Ibtisam Abdul Wahab</i>	
Comparison of Simplified and Actual Model of Trachea and Main Bronchi in Airflow Simulation.....	172
<i>Nasrul Hadi Johari, Nor Harris Helmi, Kahar Osman</i>	
Effect of Mouthwash Extracted from Miswak (Salvadora Persica) on Periodontal Pathogenic Bacteria an In-Vitro Study	178
<i>Fouad Al Bayaty</i>	

B11: COMPUTER APPLICATIONS

Measuring the Performance of Isolated Spoken Malay Speech Recognition Using Multi-Layer Neural Networks.....	182
<i>Noraini Seman</i>	
Integrating GIS Technology and 3D Animation in an Event Information System.....	187
<i>Siti Zulaika Ahmad, Sharifah Lailee Syed Abdullah, Arifah Fasha Rosmani, Norshahrizan Hashim</i>	
Cell Detection for Bee Comb Images Using Circular Hough Transformation.....	191
<i>Lee Hung Liew, Beng Yong Lee, Margaret Chan</i>	
The Effects of Surrounding Text in Image Indexing	196
<i>Azilawati Azizan, Itaza Afiani Mohtar</i>	
Jambalaya: The Closest Visualisation Fit for the Protege Ontology Conceptual-Relationship Tracer	201
<i>Muthukkaruppan Annamalai, Hamid Reza Mohseni</i>	
Operational Peat Swamp Spatial Sensitivity Model Development	207
<i>Nur Atiqah Mohamed Hasham, Arnis Asmat</i>	

G11: POLICY & GOVERNANCE

Barriers to Information System Implementation in Local Government: The Economic Issues	212
<i>Rugayah Hashim</i>	
The Impact of Ownership Structure on Stock Returns	217
<i>Rohana Othman, Roshayani Arshad, Cik Som Ahmad, Nor Azrina Amir Hamzah</i>	
Corporate Governance Structure and Voluntary Risk Disclosures	222
<i>Rosshayani Arshad, Rina Fadhilah Ismail, Nur Adura Noruddin, Maslinawati Mohamad</i>	
Threats to Electronic Records in Malaysian Government Organizations	228
<i>Ahmad Azman Mohamad Ramli, Wan Kadir Wan Dollah</i>	
Knowledge and Perception of Integrity Among Penang Civil Servants.....	234
<i>Asri Bin Salleh Salleh, Nazlin Emieza Ngah, Iskandar Hasan Tan Abdullah, Rusnah Ismail</i>	
The Relationship Between User's Perception and Environmental Functions Provided by Local Government.....	240
<i>Zaherawati Zakaria, Zaliha Hussin, Zuriawati Zakaria, Nazni Noordin, Mohd Zool Hilmie Mohamed Sawal</i>	

A12: CHEMICAL APPLICATIONS S1 (CONT)

Multiple Color and pH Stability of Anthocyanin Extract of Dendrobium Sonia 'Red Bom'	246
<i>Pat M. Lee, Noor Hafizah, Kong Hung Lee</i>	

Immobilization of Red Anthocyanin Extract of Dendrobium Sonia 'Red Bom' in Calcium Alginate Beads	250
<i>Pat M. Lee, Kong Hung Lee, Noor Hafizah</i>	
Multiple Color and pH Stability of Floral Anthocyanin Extract: Clitoria Ternatea	254
<i>Pat M. Lee, Rosmawati Abdullah, Kong Hung Lee</i>	

C12: ACCOUNTING APPLICATIONS (CONT)

The Use of Management Accounting Information (MAI): Perceptions of Preparers and Users	259
<i>Shu Hui Wee, Nor Azrina Mohd Yusof</i>	
Malaysian Enterprise Risk Management (MERIM) Framework: Exploratory Research	265
<i>Yusarina Mat Isa, Rashid Ameer, Radiah Othman</i>	
Financial Performance of Malaysian Local Authorities: A Trend Analysis.....	271
<i>Ruhaya Atan, Suryani Abdul Raman, Mohd Sawiran, Nafsiah Mohamed, Rasid Mail</i>	

D12: ENGINEERING APPLICATIONS 1 (CONT)

Thermal Stability and Structural Investigations of Sulfonated Polystyrene Pore-Filled Poly(Vinylidene Fluoride) Membranes.....	277
<i>N. A. Zubir, Ahmad Ismail, M. M. Nasef, H. I. Maaroof</i>	
Numerical Study on the Dynamic Response of a Semi-Submersible Platform with Experimental Validation	282
<i>Yassir Abbas, Velluruzhatil John Kurian, Indra S. H. Harahap, Nabilah Abu Bakar</i>	
Study of Water Quality at Mangrove Island: Case Study of Carey Island.....	288
<i>Azinoor Azida Abu Bakar, Nurhafidzah Ahmad, Marfiah Ab. Wahid, Faezah Kamaruddin, Ismail Atan, Zahrullaili Yahya, Wardah Tahir, Juhaizad Ahmad, Aminuddin Bakri</i>	
Numerical Investigation of Cold-Formed Steel Channel Columns Subjected to Axial Thrust	292
<i>Mohd Raizamzamani Md Zain, Mohd Rosli, Hanizah Ab. Hamid, Siong Wee Lee</i>	
Investigation on Integrity of Existing Circular Reinforced Concrete Silo with Opening	298
<i>Chai Lian Oh, Sim Keat Gan</i>	
Effect of Circumferential Groove Sinusoidal Waviness on the Load Carrying Capacity of Journal Bearing with Bio-Based Lubricant	303
<i>Kahar Osman, Asral Asral, Jamaluddin Md Sheriff</i>	

F12: FRONTIERS IN EDUCATION (CONT)

Assessment of Intellectual Capital as Source for Innovation	308
<i>Guillermo Lopez, Jairo Estrada Munoz, Diego Jose Cuartas, Santiago Quintero</i>	
Adjunct Language Instruction and Schema Theory	314
<i>Megawati Omar, Darmarajah Nadarajah</i>	
Neuro Teaching: An Impact to Performance	320
<i>Norlaila Abdullah, Lily Mazlifa Mustafa, Noor Hasimah M. Yacob, Sabariah Jamaluddin, Suria Fadhillah Md Pauzi, Nor Hawani Wan Abdul Rahman, Yuzainizam Yusop, Azlan Md Thani, Faizah Azam Ahmad Azam</i>	
Jawi on Mobile Devices with Jawi Wordsearch Game Application	326
<i>Norizan Mat Diah, Marina Ismail, Suzana Ahmad, Syed Anwar Shahrim Syed Abdullah</i>	
Teaching Mathematics and Science in English: Looking Through the Eyes of Teachers.....	330
<i>Parmjit Singh</i>	
A Study of Personality Type and Thinking Skill	335
<i>Tang Howe Eng</i>	

E12: HEALTHCARE & LIFESCIENCE (CONT)

Simulation of Stenosis Effect on Airflow Pattern in Trachea and Main Bronchi	341
<i>Nasrul Hadi Johari, Zuliazura M. Salleh, Kahar Osman, Juhara Haron, Mahmood Rafiq</i>	
Toxicological Evaluation of Myrmecodia Platytylea	347
<i>Mizaton Hazizul Hasan, Masdiana Abdul Samad, Ibtisam Abdul Wahab, Nur Fadhillah Mohamad Haris, Thellie Ponto, Aishah Adam</i>	
Integrating Knowledge-Based System in Wellness Community Portal	350
<i>Thean Pheng Lim, Wahidah Husain</i>	
Analysis of Blood Flow Into the Main Artery Via Mitral Valve: Fluid Structure Interaction Model.....	356
<i>Mohd Azrud Hisham Mohd Adib, Kahar Osman, Rudyianto Philman Jong</i>	
Spatial Mapping of Temporal Risk Characteristics of Dengue Cases in Subang Jaya	361
<i>Nazri Che Dom, Abu Hassan Ahmad, Rodziah Ismail, Rabiatul Adawiyah Nasir</i>	
The Effect of Mild Stenosis to Flow in Trachea	367
<i>Kahar Osman, Nasrul Hadi Johari, Mhd Nor Wan Mohd Basri, Mahmood Rafiq</i>	

B12: COMPUTER APPLICATIONS (CONT)

Enriching Dining Experience with the Multi-Touchable Entertainment Applications.....	373
<i>Soon Nyeen Cheong, May Hui Tze Yeong, Jia Jia Neoh, Chun Yee Teh, Wen Jiun Yap</i>	
The Use of Information Retrieval Tools: A Study of Computer Science Postgraduate Students	379
<i>Nor Liyana Mohd Shuib, Mohammad Hafiz Bin Ismail, Noorhidawati Abdullah</i>	
Developing an Email Violation Prevention Model Based on Web 3.0 Technology.....	385
<i>Haryani Haron, Zulkefli Mohd Yusop, Mohamad Firdaus Che Abdul Rani</i>	

H12: COMPUTATION (CONT)

Query by Example for Large-Scale Video Data by Parallelizing Rough Set Theory Based on MapReduce.....	390
<i>Shirahama Kimiaki, Lin Yanpeng, Yuta Matsuoka, Kuniaki Uehara</i>	
Simulation for High Frequency (HF) Range of Helical Antenna.....	396
<i>Samihah Abdullah, Nurul Huda Ishak, Juliana Md Sharif, Asmalia Zanal, Mohd Aswad Amat Mushim, Iza Sazanita Isa</i>	
Improved Technique for Segmenting Images Under Natural Environment.....	401
<i>Sharifah Lailee Syed Abdullah, Hamirul'Aini Hambali, Nursuriati Jamil, Khudzir Ismail</i>	
Triple Helix Model and Boole's Algebra.....	406
<i>Guillermo Lopez, Diego Jose Cuartas, Carlos Mesa Betancur, Yaneth Montes Cabrera, Santiago Quintero</i>	
Denoising Malaysian Time Series Data: A Comparison Using Discrete and Stationary Wavelet Transforms.....	412
<i>Noor 'Aina Abdul Razak, Rasimah Aripin, Mohd Tahir Ismail</i>	
A Combing Method of Cocyclic DFT Matrices by the Chinese Remainder Theorem	416
<i>Ying Guo, Yangye Liu, Moon Ho Lee, D. Wei</i>	

G12: POLICY & GOVERNANCE (CONT)

Corporate Governance Structure, Regulatory Regimes and Voluntary Disclosures	420
<i>Roshayana Arshad, Nur Adura Ahmad Noruddin, Maslinawati Mohamad, Suria Majdi</i>	
Malaysian Young Voters Voices: Make or Break Political Development?	426
<i>Nazni Noordin, Zaliza Hussin, Mohd Zool Hilmie Mohamed Sawal, Zaherawati Zakaria</i>	
Organizational Citizenship Behavior, Job Insecurity and Work Values: Making Sense of Non-Obligatory Behavior in the Workplace.....	431
<i>Azlyn Zawawi, Nur Zafifa Kamaruzzaman</i>	
Ethical Analysis for Space Shuttle Challenger.....	437
<i>Sock Theng Ooi</i>	
An Analysis of the Application of the Convention on the Rights of the Child 1989: Issues Surrounding Children in Conflict with the Law in Malaysia.....	441
<i>Nadzriah Ahmad</i>	

E21: APPLIED SCIENCE 2

Synthesis, Characterization, and Neurotoxicity of Multidentate Azomethine Series and Their Cu(II) and Ni(II) Complexes.....	447
<i>Nurdini Noordin, Hadariah Bahron, Mazatulikhma Mat Zain, Karimah Kassim</i>	
Interaction of Schiff Bases and Their Corresponding Amines and Aldehyde With Mild Steel Surface in 1.0 M Hydrochloric Acid Solution.....	451
<i>Hadariah Bahron, Karimah Kassim, Norlaila Ramlee, Mohamad Harun, Muhd Zu Azhan Yahya</i>	
Calibration of Wire-Line Mechanical Properties Using Core Measurements Results for Fula Oilfield - Case Study	457
<i>Elham Mohammed Khair, Shicheng Zhang</i>	
Synthesis and Characterization of a Novel Schiff Base Derived from 2,4,6-Trimethyl-M-Phenylenediamine with O-Vanillin and Its Metal Complexes	463
<i>Hadariah Bahron, Siti Najihah Abu Bakar, Karimah Kassim</i>	
Cd(II) Removal from Aqueous Solution by Unmodified Sugarcane Bagasse and Coconut Coir: Adsorption Equilibria and Kinetics	467
<i>Norain Isa, Nor Aini Abdul Wahab, Mas Rosemal Hakim Mas Haris</i>	
The Antioxidant Studies of Dipterocarpaceae Species from UiTM Forest Reserve, Jengka, Pahang.....	473
<i>Nazrizawati Ahmad Tajuddin, Wan Zuraida Wan Mohd Zain, Norizan Ahmat Abdul Hamid</i>	

H21: APPLIED SCIENCE & BIOLOGY

Rainwater Characterization at Global Atmospheric Watch in Danum Valley, Sabah	479
<i>Siti Mariam Sumari, Fairus Md. Darus, Nesamalar Kantasamy</i>	
Natural Rubber-Grafted with 30% Poly(Methylmethacrylate) Characterization for Application in Lithium Polymer Battery	485
<i>Ab Malik Marwan Bin Ali, Muhd Zu Azhan Yahya</i>	

Efficiency Measurement of Oil Palm Production by Jengka Province Under FELDA Management by Applying Data Envelopment Analysis- Application of BCC Model	489
<i>Nor Fadhilah Dzulkifli, Mariathy Karim, Mazura Mokhtar</i>	
The Relationship Between Phenolic, Tannin and Flavonoid Content with the Antioxidant Activity of Pereskia Bleo (Kunth).....	494
<i>Nor Aziyah Bakhari, Annie Rahayu Abdullah, Hasnah Osman, Nor Hafizah Nordin</i>	
Selective Localization of Lithium Perchlorate in Immiscible Blends of Poly(Ethylene Oxide) and Epoxidized Natural Rubber.....	499
<i>Lai Har Sim, Chin Han Chan</i>	
Translation of the Pain Disability Index (PDI) to Malay Version with Reliability Evaluation and Validation	504
<i>Mohamad Masuri</i>	

A21: BUILT ENVIRONMENT & QUALITY OF LIFE

Air Quality and Human Health in Urban Settlement: Case Study of Kuala Lumpur City.....	510
<i>Hoon Leh Oliver Ling, Kien Hwa Ting, Shaharuddin Ahmad, Kadaruddin Aiyub, Yaakob Mohd Jamil</i>	
Transit Oriented Neighbourhood for Better Environmental Health	516
<i>Hoon Leh Oliver Ling, Kien Hwa Ting, Dasimah Bt Omar, Jamlunlaili Abdullah, Szu Fong Tee</i>	
Relationship and Lead-Lag Effect Between Asian Real Estate Investment Trusts (REITs) Performance and Malaysian REIT Market: Cointegration Modelling.....	522
<i>Abdul Hadi Nawawi, Anuar Husin, Abdul Razak Abdul Hadi, Mohamed Hisham Yahya</i>	
Development on Natural Fibre Based Materials in Building Industry: An Overview	528
<i>Julaida Kaliwon, Sabarinah Sh Ahmad, Astimar Abdul Aziz</i>	
Cultural Differences in Navigation System Destination Entry.....	532
<i>Jackie Chang</i>	
Architectural Aspects Analysis of Atrium in Office Buildings Under Tropical Skies	536
<i>Julitta Yunus, Sabarinah Sh Ahmad, Azni Zain-Ahmed</i>	

G21: ENGINEERING APPLICATIONS 2

Performance Comparison of Electric Power Flow Solution Using PSCAD.....	542
<i>Nurul Huda Ishak, Syafrudin Masri, Faizal Mohamad, Iza Sazanita Isa, Samihah Abdullah</i>	
Advance Battery Charger Topology Using Single Phase Matrix Converter (SPMC) Incorporating Active Power Filter	548
<i>Khairul Safuan Muhammad, Rahimi Baharom, Mustafar Kamal Hamzah</i>	
Performance of Sliding Mode Control for Three Phase Induction Motor.....	554
<i>Fizatul Aini Patakor, Marizan Sulaiman, Zulkifilie Ibrahim</i>	
A Novel Development of Electronic Braille Al-Quran Teaching Aid	560
<i>Nurul Aini Abdul Khoni, Azhar Robason, Abd Rahman Musa, Mohd Yunus Abdullah, Mohd Zarhandy Md Zain, Mohd. Shafiek Yaacob, Mohamed Hussein</i>	
Review of Hardware Implementation of Speech-To-Text Engine for Jawi Character	565
<i>Zaidi Razak, Siti Rebeah Sumali, Mohd. Yakub Zulkifli Bin Mohd. Yusoff, Mohd Yamani Idna Idris, Ismail Ahmedy</i>	
Small Copper Loss Unidirectional Energized BLDC Motor and the Motor System.....	569
<i>Komatsu Yasuhiro, Araki Yoshihiko, Tur-Amgalan Amarsanaa, Syed Abdul Kadir Zawawi, Takamura Keita, Ohyama Teruaki</i>	

D21: FRONTIERS IN EDUCATION 2

Online Distance Learning: Quality Characteristics and Usability Evaluation	575
<i>Ahmad Nizam Mohd Yusof</i>	
Lecturers' Experiences in Implementing Blended Learning Using I-Learn	580
<i>Norlina Mohd Sabri</i>	
Tapping Into Students' Tacit Knowledge Through PPSMI: An Explanatory Study Towards English Proficiency Among Tertiary-Level Students' of UiTM Kedah	586
<i>Mohd Zool Hilmie Mohamed Sawal, Nor Azlina Azmi, Nazni Noordin, Zaherawati Zakaria, Zaliha Hussin</i>	
Factors Affecting UiTM Pahang Students' Achievement in Learning Mathematics	591
<i>Herniza Md Tahir, Sharifah Norhuda Syed Wahid, Zurah Abu</i>	
Exercise Behavior of Malaysian Secondary School Students: A Transtheoretical Model Approach.....	596
<i>Kee Kang Mea, Ong Tah Fatt, Wee Eng Hoe</i>	
Undergraduate Tax Education in the New Millennium: Technical Vs. Conceptual	602
<i>Nurul Hidayah Ahamad Nawawi, Lai Ming Ling</i>	

B21: BUSINESS & QUALITY OF LIFE

Fraud Diamond Risk Indicator: An Assessment of Its Importance and Usage	607
<i>Normah Omar, Hesri Faizal Mohamad Din</i>	
Firms' Absorptive Capacity and Technology Compatibility in Transferred Technology	613
<i>Sarina Muhamad Noor, Rushami Zien Yusoff, Fariza Hashim</i>	

Analyzing the First Malaysian Animated Film "Hikayat Sang Kancil"	618
<i>Azahar Harun, Russlan Abd Rahim, Mohamed Razeef Abd Razak, Hassan Abd Muthalib</i>	
Analyzing Personality Types to Predict Team Performance	624
<i>Mazni Omar, Sharifah-Lailee Syed-Abdullah, Naimah Mohd Hussin</i>	
The Roles of Mind-Body Exercise in the Health Care of Breast Cancer Survivors in Malaysia	629
<i>Nadiyah Diyana Tan Abdullah, Khor Hua</i>	
Determinants of Attitude Toward Celebrity-Endorsed Advertisements: A Conceptual Model	635
<i>Mazzini Muda, Rosidah Musa, Lennora Putit</i>	

C21: QUALITY OF LIFE

Quality of University Life for UiTM Students	641
<i>Kuldeep Singh</i>	
Food and Malaysian Climbers at High Altitudes	646
<i>Roslina Ahmad, Muhammad Izzat Zulkifly, Zulhan Othman, Mohd Salehuddin Mohd Zahari, Noriza Ishak</i>	
Retirement Benefits: Empirical Evidence from Malaysia	651
<i>Raudzah Roslan, Muhd Kamil Ibrahim, Nor'Azurah Md Kamdar</i>	
The Moderating Effect of Gender on the Relationship Between Emotional Intelligence and Job Role Effectiveness	657
<i>Abdul Kadir Othman, Noorlaila Yunus, Mohd Khirzan Badzli Abd Rahman, Jefry Elias</i>	
The Influence of Supervisors' Emotional Intelligence on Non-Bank Supervisory Employees' Organizational Citizenship Behavior	663
<i>Noorlaila Yunus, Abdul Kadir Othman, Noormala Amir Ishak, Che Norlia Hassan</i>	
Different Techniques in Assessing Body Composition Among Inactive Adolescent Female	668
<i>Hashbullah Ismail, Najihah Rahmat Abdullah, Mohd Noorazam Abd Razak, Syed Shahbudin Syed Omar</i>	

F21: INFORMATION TECHNOLOGY

Integrating Ontology-Based Approach in Knowledge Management System (KMS): Construction of Batik Heritage Ontology	674
<i>Syerina Azlin Md Nasir, Nor Laila Md Noor</i>	
Design and Development of Multi-Touchable E-Restaurant Management System	680
<i>Soon Nyeen Cheong, Wei Wing Chiew, Wen Jiun Yap</i>	
Failure Factors of the Malaysian IT Technopreneurship	686
<i>Leong Kwei Pei, Yeap Pei Ting, Khairunisa Asyikin Noordin, Ahmad Suhaimi Baharudin</i>	
Ranking and Scoring Semantic Document Annotation	691
<i>Syarifah Rahayu</i>	
Proactive Notification System Using Instant Messaging Bot (IM Bot)	695
<i>Siti Rahayu Abdul Aziz, Mohd Suhaimi Sauti, Adlan Al-Farooq Razalan, Noorhayati Mohamed Noor</i>	
Development of Vehicle Observation System as Security Mechanism Towards Electronic Records Conversion	699
<i>Mohamad Rahimi Mohamad Rosman, Raja Abdullah Raja Yaacob, Mohd Idzwan Mohd Salleh, Mohammad Azhan Abdul Aziz</i>	

B22: BUSINESS & QUALITY OF LIFE (CONT)

Self-Regulating Corporate Governance: Towards a Self-Governance Regime	705
<i>Normah Omar, Rashidah Abdul Rahman</i>	
Analysis of Muscle Fatigue Associated with Prolonged Standing Tasks in Manufacturing Industry	711
<i>Abdul Hadi Abdol Rahim, Abdul Rahman Omar, Isa Halim, Alias Mohd Saman, Mas Alina, Ibrahim Othman, Suhadiyana Hanapi</i>	
Colored Thin Film for Radical Screening and Evaluation of Antioxidants	717
<i>Pat M. Lee, Maisara S. M. Arsal, Kong Hung Lee, Amaniwiari C. Yussoff</i>	
Measuring Risk Charge for Market Risks	721
<i>Norhana Abd. Rahim</i>	
Creating New Designs Using Songket Motifs Via Optical Art Method	726
<i>Wan Samiatu Andriana Wan Mohamad Daud, Norazlin Abdullah</i>	
Malaysian Hospitality Managerial Knowledge: A Competence Model Approach	730
<i>Rahmat Hashim, Mohd Salehuddin Mohd Zahari, Salleh Mohd Radzi, Saidatul Afzan Abdul Aziz</i>	

E22: APPLIED SCIENCE 2 (CONT)

Isolation and Purification of Laccase from Rice Straw Fermented with Pleurotus Sajor-caju	736
<i>Nurfariza Bahrin, Pat M. Lee, Kamsani Ngilib</i>	
Scrutinizing the Consequences of Surface Modification on Membrane Stability and Resistivity Towards Fouling	741
<i>Saidatul Syaima Mat Tari, Nork'Aini Ali Ali, Mazidah Mamat</i>	
Cytotoxicity Studies of Aqueous Extracts of Curcuma Longa and Quercus Infectoria	746
<i>Nahlah Elkudssiah Ismail, Masdiana Abdul Samad, Tommy Joulianto, Mizaton Hazizul Hasan</i>	
Isolation of Potential Total Petroleum Hydrocarbon Degraders from River Sediments	752
<i>Cindy Soo Yun Tan, Chung Huap Ang</i>	

Toxicity Study of Schiff Bases Derived from 2,6-Diaminopyridine and Their Novel Metal Complexes.....	757
<i>Fatimatuszahraa Mohd Fadzel, Hadariah Bahron, Mazatulikhma Mat Zain, Karimah Kassim</i>	
Radical Scavenging Activities of Extract and Solvent-Solvent Partition Fractions from Dendrobium Sonia 'Red Bom' Flower	762
<i>Tengku Shafazila, Pai M. Lee, Kong Hung Lee</i>	

H22: APPLIED SCIENCE & BIOLOGY (CONT)

Stand Structure and Species Diversity of Keniam Forest, Pahang National Park	766
<i>Mohd Nazip Suratman, Mazlin Kusin, Shaikh Abdul Karim Yamani Zakaria, Kamarudin Saleh, Mansur Ahmad, Shahril Anuar Bahari</i>	
Allele Specific Polymerase Chain Reaction for Detection of the Genetic Polymorphism of NMDA Receptor	772
<i>Mohd Nazif Samat, Mohd. Maaruf Hj. Abdul Malik, Abu Bakar Majeed, Mustafar Kamal Hamzah</i>	
Computational Approach for Investigating Nuclear Transport of Trypanosoma Brucei	775
<i>Mohd Fakharul Zaman Raja Yahya, Farida Zuraina Mohd Yusof</i>	
Adaptation of Apis Cerana to Top-Bar Bee Hives.....	779
<i>Margaret Chan, Ron Ah Goh</i>	
Antioxidant Activities of Traditional Medicinal Plants from Lauraceae Family in Sarawak.....	783
<i>Constance Chin, Vivien Jong, Khong Heng Yen</i>	
Xanthone from Garcinia Eugenifolia (Clusiaceae).....	786
<i>Vivien Jong, Khong Heng Yen, Gwendoline Ee Cheng Lian</i>	

G22: ENGINEERING APPLICATIONS 2 (CONT)

Fabrication and Characterisation of Hydrophobic and Hydrophilic Nanofibrous Membranes.....	789
<i>Nor Dalila Nor Affandi, Yen Truong, Ilias L Kyratzis, Rajiv Padhye, Lyndon Arnold</i>	
Reverse Engineering Study of Diamond Coated Router Bit Using SEM Method	795
<i>Liew Fui Kiew, Liew Yit Lian, Dayang Maryani Awang Hashim</i>	
Determination of Water Run-Off in Tropical Malaysian Basin Using Calibrated Satellite-Based Rainfall Measurement.....	798
<i>Mohd Rizaludin, Mazlan Hashim</i>	
Durable Press Reference for Cotton and Polyester/ Cotton Fabrics	804
<i>Salmiah Mohd. Nor, Wan Yunus Wan Ahmad, Jamil Salleh, Nora Zakaria, Razidah Ismail</i>	
The Mechanical Properties of Textile Fabrics Reinforced Hybrid Composites.....	809
<i>Mohd Iqbal Misnor</i>	
Using Non Destructive Testing (NDT) for Determining the Modulus of Elasticity with Consideration of Weather Effect	815
<i>Liew Yit Lian, Liew Fui Kiew, Dayang Maryani Awang Hashim</i>	

D22: FRONTIERS IN EDUCATION 2 (CONT)

Survey of Statistical Applications in Industries: Bridging with Undergraduates Learning.....	820
<i>Siti Aishah Sh Abdullah, Jusoh Yaacob, Norhaini Lajis</i>	
A Test on Homophily as the Basis of Classroom's Informal Networks	825
<i>Nur Zafifa Kamaruzzaman, Azlyn Zawawi</i>	
Bootstrapping in Educational Studies.....	831
<i>Sian Hoon Teoh, Peridah Bahari, Parmjit Singh</i>	
The Development and Evaluation of an e-Workbook for Learning Mandarin	837
<i>Teck Heng Lim, Foo Terng Hoe, Teow Ghee Tan</i>	
The Effects of Internet-Assisted Language Learning (IALL) on the Development of ESL Students' Critical Thinking Skills	843
<i>Faizah Mohamad, Nor Jawanees Ahmad Hanafiah, Salihah Abdullah, Norhamimah Rani</i>	
The Level of Patience and Confidence Towards Problem Solving and Mathematics Achievement of Students in a Technical Institute	849
<i>Nor Hatta Mohd, Tengku Farah Petri Tengku Mahmood, Mohd Nazri Ismail</i>	

A22: BUILT ENVIRONMENT & QUALITY OF LIFE (CONT)

Analysing the Effects of Inflation on the Urban Poor Households Expenditures	855
<i>Nurhani Aba Ibrahim, Jelani Razali, Khalid Ibrahim</i>	
Weight Measurements in the Malay Minangkabau Culture	861
<i>Yusharina Yusof, Zulkifli Ab Ghani Hilmi, Saharani Abdul Rashid</i>	
Service Quality Performance in Academic Libraries	867
<i>Junaida Ismail, Mahadir Ladisma Awis, Sharunizam Shari</i>	
Human Resource Management Practices as Predictors of Innovation Among Johor SMEs	872
<i>Nor Abdullah, Eta Wahab, Alina Shamsuddin</i>	
Coping with Inflation in Urban Area	878
<i>Jelani Razali, Nurhani Aba Ibrahim</i>	

Destination Preferences and Travel Behaviour Among Golf Tourists in Malaysia	884
<i>Ong Tah Fatt, Wee Eng Hoe, Kee Kang Mea, Ghazali Musa</i>	

C22: QUALITY OF LIFE (CONT)

The Moderating Effects of Gender on the Relationship Between Emotional Intelligence and Organization Role.....	890
<i>Abdul Kadir Othman, Noorlaila Yunus, Jefry Elias, Mohd Khirzan Badzli Abd Rahman</i>	
Gender-Based Strategies in Malaysian Student Blog Forums	896
<i>Xavier Thayalan, Faridah Noor</i>	
Learning from KMart's Mistakes: New Improvements on Mydin Hypermarket's Business Strategies.....	902
<i>Normah Omar, Zuraiddah Mohd Sanusi, Nor Ilmiah Abdul Aziz, Nor Ashikin Ismail</i>	
Organizational Commitment and Emotional Intelligent: Explaining the Interaction of Personality Traits of Auditors	907
<i>Zuraidah Mohd Sanusi, Masniza Supar, Takiah Mohd Iskandar, Ria Nelly Sari</i>	
The Correlation Between Label Messages and Labeling Effectiveness.....	913
<i>Maznah Wan Omar, Azfahanee Zakaria, Mohd Noor Mohd Ali, Syed Mohammed Alhady Syed Ahmad Alhady</i>	

F22: INFORMATION TECHNOLOGY (CONT)

Computing with Words Approach for Fuzzy Group Decision Making	916
<i>Zamali Tarmudi, Abu Osman Md Tap, Lazim Abdullah</i>	
WebServ Index: An Indicator for Visitor-Perceived Website Service Quality in Malaysia.....	921
<i>Boo Ho Voon, Jamil Hamali, Karen Kueh</i>	
An Investigation on Predictors of E-Learning Adoption Among Malaysian E-Learners.....	927
<i>Haryani Haron, Suriyani Sahar</i>	
Investigating the Distance Effects on Performance Degradation of Mobile WiMAX Technology Using NCTUNs Tool.....	933
<i>Rashidah Ramle, Hawa Mohd Eksan, Jiwa Noris Hamid, Norzatul Bazamah Azman Shah, Nurshahrily Idura Ramli</i>	
Toward a Conceptual Framework for I-Skills System.....	938
<i>Fandi Halim, Norlia Mustaffa, Faten Damanhoori</i>	
Business-Related Information Needs: A Study of Potential Bumiputra Entrepreneurs in Malaysia.....	944
<i>Norliya Ahmad Kassim, Siti Zahrah Buyong</i>	

POSTER 3: P1

The American National Charter and Concept of Governance.....	950
<i>Albert W. Small, Elizabeth Downey-Small</i>	

B31: COMPUTER APPLICATIONS 2

A Comparison Between Gene Set and Individual Gene Analyses Using JProGO	956
<i>Suryaeftiza Karjanto, Rasimah Aripin</i>	
Evaluating Spatial and Temporal Effects of Accidents Likelihood Using Random Effects Panel Count Model.....	960
<i>Wan Fairros Wan Yaacob, Mohamad Alias Lazim, Yap Bee Wah</i>	
Comparative Analysis of Criteria Weight Determination in AHP Models.....	965
<i>Nurul Adzlyana Mohd Saadon, Mohamad Daud, Rosma Mohd Dom</i>	
Fuzzy Evaluation Based on Jaccard with Degree of Optimism Ranking Index.....	970
<i>Nazirah Ramli, Daud Mohamad</i>	
A Modified Algorithm for Species Specific Motif Discovery	975
<i>Sharifah Lailee Syed Abdullah, Hazaruddin Harun, Mohd Nasir Taib</i>	
Measurement of Diffuse-to-Global Irradiance Ratios Extracted from MODIS (Moderate Resolution Imaging Spectroradiometer) Aerosol Product for Paddy-Rice Productivity	979
<i>Arnis Asmat, Amirah Yasinan</i>	

C31: ENGINEERING APPLICATIONS 3

Assimilating Quality Function Deployment (QFD) with Simulation Analysis for Facility Layout Redesign of Handwork Section	985
<i>Mas Alina, Abdul Rahman Omar, Alias Mohd Saman, Ibrahim Othman, Abdul Hadi Abdol Rahim, Isa Halim</i>	
Wind Tunnel Experiments of UiTM's Blended Wing Body (BWB) Baseline-II Unmanned Aerial Vehicle (UAV) at Low Subsonic Speed	991
<i>Wirachman Wisnoe, Firdaus Mohamad, Nor Fazira Reduan, Rizal Nasir, Wahyu Kuntjoro, Zurriati Mohd. Ali</i>	
Study on the Springback in Metal Stamping for a Male Hinge of an Automotive Part.....	995
<i>Suhadiyyana Hanapi, Abdul Rahman Omar, Roseleena Jaafar, Wan Emri Wan Abdul Rahman, Farrahshaida Mohd Salleh, Izdihar Tharazi</i>	
A Brief Review of Compressed Stabilized Earth Brick (CSEB)	999
<i>Fetra Riza, Ismail Rahman, Ahmad Mujahid Ahmad Zaidi</i>	

Aerodynamic Characteristics of UiTM's BWB UAV Baseline-II At Different Canard Deflection Angles at Low Pitching Angles	1005
<i>Nor Fazira Reduan, Wirachman Wisnoe, Wahyu Kuntjoro, Rizal Nasir, Firdaus Mohamad, Zurriati Mohd. Ali</i>	
Top-Coupled Parallel-Cascaded Ring Filter with Transmission Zeros	1010
<i>Noor Zareena Zakaria, Mohd Khairul Mohd Salleh, Noor Baba</i>	

G31: APPLIED SCIENCE 3

Cyto Protective Effect of Bis[Benzyl N'-(Indol-3-Ylmethylene)-Hydrazinecarbodithioato]-Nickel(II) Against Ethanol-Induced Gastric Mucosal Injury in Rats	1013
<i>Fathi Mughrabi, Harita Hashim, Mahmood Ameen, Hamid Khaledi, Hapipah Ali</i>	
Distribution and Species Diversity of Bamboo at Kuala Keniam, Pahang National Park.....	1019
<i>Nazlin Asari, Mohd Nazip Suratman</i>	
Hazard Due to Micropollutants, Polycyclic Aromatic Hydrocarbon (PAHs) and Heavy Metals in Soil: Assessment of Closed Landfill, Kubang Badak Landfill, Selangor	1024
<i>Filzah Amani, Suhaimi Abdul-Talib</i>	
Morphology and Particle Size Analysis of Hydroxyapatite Micro- and Nano-Particles.....	1030
<i>Maisara S. M. Arsad, Pat M. Lee, Kong Hung Lee</i>	
Effect of Water Breakthrough on the Dimensionless Variables for Hydraulically Fractured Wells	1035
<i>Elham Mohammed Khair, Shicheng Zhang</i>	
Assessment of Rattan Abundance and Species Composition at Kuala Keniam, Taman Negara Pahang.....	1041
<i>Nur Hasmiza Abdul Hamid, Mohd Nazip Suratman</i>	

F31: BUSINESS & FINANCE

A Study on Service Quality of Refurbishment Contractors Towards Clients Satisfaction.....	1047
<i>Sallehan Ismail, Mohamad Hamdan Othman, Sufian Che Amat</i>	
The Mediating Effect of Cognitive and Emotional Satisfaction.....	1053
<i>Maznah Wan Omar, Mohd Noor Mohd Ali</i>	
Factors Affecting Profit Efficiency of Commercial Banks in Malaysia	1059
<i>Rosita Suhaimi, Firdaus Abdullah, Gluma Saban</i>	
Performance Evaluation of Online Discussion.....	1065
<i>Mohd Raziff Jamaluddin, Mohd Hafiz Hanafiah, Muhammad Izat Zulkifly, Rahmat Hashim, Mohd Salehuddin Mohd Zahari</i>	
Determinants of Cross-Border Mergers and Acquisitions (CBMAs) Performance in Five East Asian Countries	1069
<i>Saw Imm Song, Rashidah Abdul Rahman, Chiok Choo Kueh, Ei Yet Chu</i>	
Dividend Trend and the Relevance of Dividend	1075
<i>Norhayati Mohamed, Shazelia Zakaria</i>	

D31: FRONTIERS IN EDUCATION 3

An Analysis of a Discourse Using Interactional Sociolinguistics Approach	1081
<i>Suryani Awang</i>	
Entrepreneurial Experience in Higher Education in Malaysia.....	1087
<i>Raja Suzana Raja Kasim, Wan Fauziah Wan Mustaffa</i>	
Learning Styles of Fundamental Mathematics Students	1093
<i>Jong Li Ling, Ling Siew Ching</i>	
Application of Back Propagation Neural Network and ANFIS in Forecasting University Program	1099
<i>Nor Eleena Yusoff, Mohamad Daud, Zaidah Ibrahim, Syed Ahmad Sheikh Aljunid</i>	
Learning Practices, Perceived Ability and Learning Outcomes in Selected Statistical Concepts.....	1104
<i>Nor Zatul-Iffa Ismail, Zamalia Mahmud</i>	
A Review of Persuasive Techniques in Developing Children Educational System	1110
<i>Norzilah Musa, Zatul Amilah Shaffie, Mudiana Mokhsin</i>	

A31: INFORMATION TECHNOLOGY & SPORTS SCIENCE

Securing Tunnel Endpoints for IPv6 Transition in Enterprise Networks	1114
<i>Abidah Taib, Rahmat Budiarto</i>	
Analyzing Server Response Time Using Testing Power Web Stress	1120
<i>Hasliza Sofian, Raihana Md Saidi, Rozita Yunos, Siti Arpah Ahmad</i>	
Hands-Free Messaging Application (iSay-SMS): A Proposed Framework	1126
<i>Lai Mei Lee</i>	
Balanced Hierarchical Construction in Collision Detection for Rigid Bodies	1132
<i>Hamzah Asyran Sulaiman, Abdullah Bade</i>	
Effects of Different Warm-Up Protocols and No Warm Up on Speed Performance Among Football Players.....	1137
<i>Hashbullah Ismail, Mardiana Mazaulan, Hosni Hasan, Raja Firhad</i>	

A31: INFORMATION TECHNOLOGY & SPORTS SCIENCE

Strategic Management of E-Learning Implementation Programme in Malaysian Public Universities: Issues on Policy and Key Initiatives	1143
<i>Hisham Md Basir, Adnan Ahmad, Nor Laila Md Noor</i>	
Formative Evaluation of the Online Credit Exemption System (OCES)	1149
<i>Norulhidayah Isa, Rohana Yusoff, Mohd Hanapi Abdul Latif, Rozmawati Mohd Yusoff</i>	
Design of Integrated Online Information System for E-Commerce Adoption and Efficient Records Management Among Malaysian Businesses.....	1154
<i>Mohd Idzwan Mohd Salleh, Mohamad Rahimi Mohamad Rosman, Mohd Azizi Zainudin, Zainuri Muhammad, Raja Abdullah Raja Yaacob</i>	
Bridging the Gap Between Theory and Practice of Forecasting in Malaysia: A Practical Insight	1160
<i>Abdul Aziz Rozainun</i>	
User Acceptance Towards a Personalised Hands-Free Messaging Application (iSay-SMS)	1165
<i>Mei Yean Janet See</i>	
The Importance of Intellectual Capital Information to SMEs in Malaysia	1171
<i>Huang Choo, Kalsom Salleh, Nur Adura Ahmad Noruddin</i>	

B32: COMPUTER APPLICATIONS 2 (CONT)

Prediction of Physical Properties of Degradable Plastics: A Fuzzy Approach	1177
<i>Syamsiah Abu Bakar, Rosma Mohd Dom, Ajab Bai Akbarally, Wan Hasamudin Wan Hassan</i>	
Investigating Jaccard Distance Similarity Measurement Constriction on Handwritten Pen-Based Input Digit.....	1181
<i>Siti Salwa Salleh</i>	
Air Quality Monitoring Using Remote Sensing and GIS Technologies	1186
<i>Rohayu Haron Narashid, Wan Mohd Naim Wan Mohd</i>	
Demographic Profiles of Young Travelers Using the Internet for Information Search.....	1192
<i>Anderson Ngelambong, Mohd Subri Tahir, Nurzeti Rahman, Arnieyantie Abdul Hadi</i>	
Personal Information Requirements of Global Information System	1197
<i>Tursun Abdurahmonov, Eng Thiam Yeoh, Helmi Mohamed Hussain</i>	
Modelling and Control Active Suspension System for a Quarter Car Model	1203
<i>Rosheila Darus, Nur Idaawati Md Enzai</i>	

C32: ENGINEERING APPLICATIONS 3 (CONT)

The Effect of Crack Depth on the Dynamic Characteristics of Homogeneous Beam.....	1207
<i>Ahmad Azlan Mat Isa, Zamri Abdul Rahman, Hayder Al-Assadi</i>	
Analysis of Gunshot Residue Deposited on Cloth Target	1212
<i>Mohamed Izzharif Abdul Halim</i>	
The Effect of Fuel Additives on Performance and Emission of Four Stroke Engine	1218
<i>Baljit Singh</i>	
Numerical Investigation of Chocked Converging-Diverging Nozzles for Thruster Application (Normal Shock Wave)	1223
<i>Mohd Hafiz Mohd Noh, Rahim Atan, Ahmad Hussein Abdul Hamid, Helmi Rashid</i>	
PMMA as a Base Material for SU8 Mold to Fabricate PDMS Relief.....	1228
<i>Irni Hamiza Hamzah, Asrulnizam Abd Manaf, Othman Sidek</i>	
Flexural Behaviour of RC Beams Strengthened with Externally Bonded (EB) FRP Sheets or Near Surface Mounted (NSM) FRP Rods Method	1232
<i>Hanizah Ab. Hamid, Nursafarina Ahmad, Nurbaiyah Mohammad Noh</i>	

F32: BUSINESS & FINANCE (CONT)

Tax Planning and Corporate Effective Tax Rates	1238
<i>Rohaya Md. Noor, Nor'Azam Mastuki Mastuki, Nur Syazwani M. Fadzillah</i>	
Digital Signature as a 'Blue Ocean'? An Analysis of the Application of Its Law in Internet Banking	1243
<i>Hartini Saripan, Zaiton Hamin</i>	
Determinants of Successful Utilization of Tax Incentives in SMEs Manufacturing Sectors	1249
<i>Rohaya Md. Noor, Nadiah Hamid, Mustaffa Zain, Barjoyai Bardai</i>	
Malaysia Crude Oil Production Estimation: An Application of ARIMA Model.....	1255
<i>Nazuha Muda Yusoff, Ruzaidah A. Rashid, Zamzulani Binti Mohamed</i>	

G32: APPLIED SCIENCE 3 (CONT)

Multi-bifurcation Flow Analysis on 2D Human Respiratory Airway System.....	1260
<i>Ngali Zamani, Kahar Osman, Mohd Hazmil Syahidi Abdol Azis</i>	
Outdoor Thermal Comfort of Two Public Squares in Temperate and Dry Region of Esfahan, Iran	1266
<i>Shahab Kariminia, Sabarinah Sh Ahmad, Norhati Ibrahim, Megawati Omar</i>	

Potential Source of Bio-fuel from Pyrolysis of Treated Sewage Sludge	1272
<i>Fairous Salleh, Rusnah Samsuddin, Maryam Husin</i>	
Preventive Methods of Low Back Pain	1278
<i>Hosni Hasan, Hashbuliah Ismail, Raja Firhad</i>	
In-Vitro Cytotoxicity Studies of Vanadyl Complexes with Hydroxamic Acid Series	1283
<i>Hadariah Bahron, Siti Noriah Mohd Shotor, Karimah Kassim, Celine Marmion, Nor Fadilah Rajab</i>	
Synthesis, Characterization and Neurotoxicity of Schiff Bases Derived from 1,8-Diaminonaphthalene	1287
<i>Ahmad Fauzi Abu Bakar, Hadariah Bahron, Karimah Kassim, Mazatulikhma Mat Zain</i>	

D32: FRONTIERS IN EDUCATION 3 (CONT)

Attitudes Toward ICT of Electronic Distance Education (ePJJ) Students at the Institute of Education Development, University Technology Mara	1291
<i>Rugayah Hashim, Che Zainab Abdullah, Hashim Ahmad</i>	
Innovation Capacity in Higher Education.....	1295
<i>Mohamad Ezrien Bin Mohamad Kamal, Ahmad Shameer Bin Mohamed Thaher, Radiah Othman</i>	
Metacognitive Awareness of Reading Strategies.....	1301
<i>Francis A. S. Rajoo, Bawani Selvaraj</i>	
Globally Harmonized System: A Study on Understanding and Attitude Towards Chemical Labeling Amongst Students of Secondary School	1305
<i>Sarifah Fauziah Syed Draman, Rusli Daik, Mohd Lazim Abdullah</i>	
Patterns of Satisfaction and Dissatisfaction Among UiMTM Academics	1309
<i>Rohana Yusoff, Rohayati Ripin, Yunita Awang</i>	

A32: INFORMATION TECHNOLOGY & SPORTS SCIENCE (CONT)

The Impacts of Sports Facilities Development on the Urban Growth of Kuala Lumpur Federal Territory, Malaysia.....	1315
<i>Maassoumeh Barghchi, Dasimah Bt Omar, Mohd Salleh Aman</i>	
The Effect of Three Types Instructional Feedback on Soccer Skills	1320
<i>Hosni Hasan, Fadhlhan Aris</i>	
A 93.36 dB, 161 MHz Gain Improved CMOS Operational Transconductance Amplifier (OTA) for A 16 Bit Pipeline Analog-to-Digital Converter (ADC)	1325
<i>Nordiana Mukahar, Siti Hawa Ruslan</i>	

E32: COMPUTER & BUSINESS APPLICATIONS (CONT)

Empirical Analysis on the Relationship Between Debt Level and SMEs Profitability.....	1329
<i>Siti Khadijah Ab. Manan</i>	
Electronic Procurement Implementation in Malaysia: Suppliers' Readiness	1334
<i>Maniam Kaliannan, Suseela Chandran, Rugayah Hashim</i>	
Demographic Factors and Repayment Performance of NBFI Customers in Kuching	1340
<i>Fennee Chong, Fareiny Morni, Rosita Suhaimi</i>	
Malaysian Gastronomic Products: Analysis on Western Tourists Level of Consumption and Experiences Based on Gender and Age	1346
<i>Mohd Hairi Jalis</i>	
An Interpretation of Photography as an Art and Communication	1350
<i>Adzrool Idzwan Hj. Ismail, Kamarudzaman Md. Isa, Mustaffa Halabi Hj. Azahari</i>	
The Effect of Knowledge and Networking on Relationship Between Entrepreneurial Orientation and Performance of Small and Medium Agro-Based Enterprises (SMAEs): The Impact of Technology, Strategy and Perceived Environment.....	1353
<i>Amran Awang, Zainal A. Ahmad, Abdul Rashid Said Ashgar, Khairul Anwar Subari, Shamshul Anaz Kassim</i>	
Author Index	