

PARALLEL SESSION 1

25 August 2015

09:00-11:00

Time	Parallel Session 1A Ballroom A Chairperson : <i>Dr. Yulita Molliq Rangkuti</i>	Parallel Session 1B Function Room 5 Chairperson : <i>Prof. Maria Linda C. Cabillan</i>	Parallel Session 1C Function Room 6 Chairperson : <i>Dr. Jayanthi Arasan</i>	Parallel Session 1D Function Room 9 Chairperson : <i>Malathi Letchumanan</i>
09:00 to 09:15	APPROXIMATION SOLUTION FOR 1D FUZZY PARABOLIC EQUATION IN QSGS ITERATIVE METHOD <i>A'qilah Ahmad Dahalan</i>	ON THE ATOM BOND CONNECTIVITY INDEX OF CERTAIN TREES AND UNICYCLIC GRAPHS <i>Mohanad Ali Mohammed K. A. Atan M. Khalaf</i>	THE USE OF TIME SERIES ANALYSIS IN THE ANALYSIS OF KATSINA STATE AVERAGE MONTHLY TEMPERATURE <i>Zaiyana Ismaila Dabai</i>	THE ETHNOMATHEMATICS OF THE KABIHUG TRIBE IN JOSE PANGANIBAN, CAMARINES NORTE, PHILIPPINES <i>Jennifer S. Rubio Leonila B. Barbacena Rusty G. Abato Arlyn M. Magana</i>
09:15 to 09:30	A FRACTIONAL MULTISTEP METHOD FOR SOLVING FUZZY FRACTIONAL DIFFERENTIAL EQUATIONS <i>Ali Ahmadian Fudziah Ismail Norazak Senu Soheil Salahshour Mohamed Suleiman</i>	ECCENTRIC CONNECTIVITY INDEX OF UNICYCLIC GRAPHS WITH APPLICATION TO CYCLOALKANES <i>Raad Sehen Haoer K. A. Atan M. Khalaf</i>	TIME SERIES SARIMA MODELS FOR AVERAGE MONTHLY SOLAR RADIATION IN MALAYSIA <i>Mira Syahirah bt Kamil Ahmad Mahir Razali</i>	THE INFLUENCE OF CULTURE ON MATHEMATICS EDUCATION <i>Cong Tan Fei Xue</i>
09:30 to 09:45	DIAGONALLY IMPLICIT MULTI-STEP BLOCK METHOD FOR SOLVING FUZZY DIFFERENTIAL EQUATIONS <i>Azizah Ramli Zanariah Abdul Majid</i>	DOMINATION IN DIHEDRAL CAYLEY GRAPHS <i>Maria Linda C. Cabillan Ia Kristine P. Miranda Shielden Grail S. Domilies Bryan Ceasar L. Felipe Nino Angelo L. Gavino Clarenz B. Magsakay Christine Mae R. Penullar Jomark Francis A. Velasco</i>	REGRESSION ANALYSIS FOR YIELD LOSS OF OIL PALM DUE TO GANODERMA DISEASE <i>Assis Kamu Idris A.S. Chong K.P. Hoong H.W.</i>	USING HISTORY OF MATHEMATICS IN PROMOTING STUDENT CHARACTER EDUCATION <i>Aisyah Purnama Dewi Rizky Aji Saputra Pratama Wahyu Purnama</i>
09:45 to 10:00	NUMERICAL SOLUTION OF FUZZY DIFFERENTIAL EQUATIONS BY MULTISTEP BLOCK METHOD <i>Syahirbanun Binti Isa Zanariah Abdul Majid</i>	ATOM BOND CONNECTIVITY INDEX OF GRAPH WITH THREE EDGES ADDED <i>Mohamad Nazri Husin Roslan Hasni</i>	INFERENCE PROCEDURES BASED ON THE DOUBLE BOOTSTRAP FOR LOG LOGISTIC REGRESSION MODEL WITH CENSORED DATA <i>Loh Yue Fang Jayanthi Arasan Habshah Midi Mohd Rizam Abu Bakar</i>	MEASURING PUBLIC KNOWLEDGE OF SCIENCE AND TECHNOLOGY IN INDONESIA <i>Mia Amelia Chichi Shintia Laksani</i>

PARALLEL SESSION 1 (CONT'D)
25 August 2015
09:00-11:00

Time	Parallel Session 1A Ballroom A	Parallel Session 1B Function Room 5	Parallel Session 1C Function Room 6	Parallel Session 1D Function Room 9
10:00 to 10:15	A SURVEY OF STOCHASTIC VOLATILITY MODELS <i>Kehinde Emmanuel Adenegan Ezekiel Olusola Ayoola</i>	ON THE ISOLATED DOMINATION NUMBER IN GRAPHS <i>Nader Jafari Rad</i>	SIMULATION OF LEFT-TRUNCATED AND CASE-K INTERVAL CENSORED SURVIVAL DATA WITH TIME-VARYING COVARIATES <i>Thirunanthini Manoharan Jyanthi Arasan Habshah Midi Mohd Bakri Adam</i>	THE APPLICATION OF ATTITUDES TOWARD MATHEMATICS INVENTORY INTO SUDANESE SECONDARY SCHOOLS <i>Salih Abdalla</i>
10:15 to 10:30	BEHAVIOR OF TEM MODEL WITH CONTROL PARAMETER REGULATION <i>Notiragayu</i>	TRANSFERRED SET AND CONNECTED TRANSFERRED SET OF A GRAPH <i>Benjier H. Arriola</i>	CENSORED DATA WITH INCOMPLETE CATEGORICAL COVARIATES USING EM ALGORITHM <i>Madaki Umar Yusuf Mohd Rizam Abu Bakar</i>	STRATEGIES OF INCULCATING OBJECTISM VALUE IN TEACHING MATHEMATICS AT SECONDARY SCHOOLS <i>Nyimas Aisyah Mohd. Uzi Dollah</i>
10:30 to 10:45	OPTIMAL SINGULAR CONTROLS FOR VSEIR MODEL OF TUBERCULOSIS <i>Marlina Setia Sinaga Yulita Molliq Rangkuti</i>	CHARACTERIZATION OF 2-BONDAGE NUMBER IN TREES <i>Roslan Hasni Marcin Krzywkowski</i>	NEW MEASURES OF INFLUENCE FOR COX PROPORTIONAL HAZARDS REGRESSION <i>Rebecca Loo Ting Jiin Anwar Fitrianto Jyanthi Arasan Habshah Midi</i>	SENIOR HIGH SCHOOL (SMA) MATHEMATICS TEACHERS' CONCEPTIONS OF PROBLEM-SOLVING AND INSTRUCTIONAL PRACTICES IN PALEMBANG <i>Cecil Hiltrimartin Marzita Puteh</i>
10:45 to 11:00	APPROXIMATE SOLUTION OF VSEIR MODEL OF TUBERCULOSIS IN NORTH SUMATERA INDONESIA <i>Yulita Molliq Rangkuti</i>	CARDINALITY OF SETS ASSOCIATED TO CERTAIN DEGREE SEVEN POLYNOMIALS <i>Suriana Lasaraiya Sapar S.H. Mohamat Johari M.A.</i>	A COMPARATIVE ANALYSIS OF STANDARDIZED PRINCIPAL COMPONENT SCORES IN WATER QUALITY INDEX DEVELOPMENT <i>Zalina Mohd Ali Noor Akma Ibrahim Kerrie Mengersen Mahendran Shitan</i>	EXPLORING THE INFLUENCE OF UTILITARIAN, COGNITIVE AND AFFECTIVE FACTORS ON THE USE OF E-BOOKS VIA HANDHELD MOBILE DEVICES: A REVIEW <i>Malathi Letchumanan Balakrishnan Muniandy</i>

PARALLEL SESSION 2 25 August 2015 15:00-17:15				
Time	Parallel Session 2A Ballroom A Chairperson : <i>Assoc. Prof. Dr. Norazak Senu</i>	Parallel Session 2B Function Room 5 Chairperson : <i>Assoc. Prof. Dr. Gafurjan Ibragimov</i>	Parallel Session 2C Function Room 6 Chairperson : <i>Dr. Nurisya Mohd. Shah</i>	Parallel Session 2D Function Room 9 Chairperson : <i>Hajar Kamalimoghaddam</i>
15:00 to 15:15	PHASE FITTED AND AMPLIFICATION FITTED FOR RUNGE-KUTTA-FEHLBERG METHOD OF ORDER 4(5) FOR SOLVING OSCILLATORY PROBLEMS <i>Fudziah Ismail</i> <i>Mohammed M. Salih</i> <i>Norazak Senu</i>	OPTIMAL PURSUIT TIME IN DIFFERENTIAL GAME FOR AN INFINITE SYSTEM OF DIFFERENTIAL EQUATIONS <i>Gafurjan Ibragimov</i> <i>Risman Mat Hasim,</i> <i>Asqar Rakhmanov</i>	THE GEOMETRY OF GENERALIZED DEFORMED COMPLEX HERMITE POLYNOMIALS <i>Nurisya M. Shah</i> <i>Choong Pak Shen</i>	EXPLORING PRIMARY SCHOOL TEACHERS' MATHEMATICS PEDAGOGICAL CONTENT KNOWLEDGE <i>Palanisamy Kathir Veloo</i> <i>Marzifah Puteh</i>
15:15 to 15:30	DIRECT INTEGRATION FOR SPECIAL THIRD-ORDER ORDINARY DIFFERENTIAL EQUATIONS USING IMPROVED RUNGE-KUTTA METHOD <i>Kasim Abbas Hussain</i> <i>Fudziah Ismail</i> <i>Norazak Senu</i> <i>Faranak Rabiei</i> <i>Rabha W. Ibrahim</i>	SIMPLE MOTION PURSUIT DIFFERENTIAL GAME OF MANY PURSUERS AND ONE EVADER ON CONVEX COMPACT SET <i>Idham Arif Alias</i> <i>Raja Noorsuria Raja Ramli</i> <i>Gafurjan Ibragimov</i>	CONSTRUCTION OF BALANCED DESIGNS USING HADAMARD MATRICES <i>Rajarathinam A</i> <i>Mahalakshmi S</i>	MATHEMATICAL LEARNING ATTRIBUTES IMPACTING STUDENTS' PERFORMANCE IN SARAWAK <i>Ting Jingjing</i> <i>Rohani Ahmad Tarmizi</i>
15:30 to 15:45	FOURTH ORDER PHASE-FITTED AND AMPLIFICATION-FITTED MODIFIED RUNGE-KUTTA METHOD FOR PERIODIC INITIAL VALUE PROBLEMS <i>Firas A.Fawzi</i> <i>Norazak Senu</i> <i>Fudziah Ismail</i> <i>Zanariah Abd.Majid</i>	EVASION DIFFERENTIAL GAME OF ONE PURSUER VERSUS ONE EVADER WHOSE CONTROL SET IS A SECTOR <i>Idham Arif Alias</i> <i>Sharifah Anisah Syed Mafdzot</i> <i>Gafurjan Ibragimov</i>	ON THE CONSECUTIVE TERMS OF GENERALIZED FIBONACCI SEQUENCE OVER A COMPLEX QUADRATIC NUMBER FIELD <i>Supawadee Prugsapitak</i>	AN INVESTIGATION OF STUDENTS' DIFFICULTIES IN MATHEMATICS AT LOWER SECONDARY <i>Angateeah Laxmi Devi</i> <i>Angateeah Khemduth Singh</i>
15:45 to 16:00	MODIFIED BLOCK RUNGE-KUTTA METHOD WITH WEIGHTS FOR SOLVING STIFF PROBLEMS IN ORDINARY DIFFERENTIAL EQUATIONS <i>Saufianim Binti Jana Aksah</i> <i>Ibrahim, Z. B.</i> <i>Rahim, Y. F.</i> <i>Ibrahim, S. N. I</i>	PURSUIT DIFFERENTIAL GAME OF TWO PURSUERS AND ONE EVADER IN R^2 WITH COORDINATE-WISE INTEGRAL CONSTRAINTS <i>Gafurjan Ibragimov</i> <i>Piriatharisini Karapanan</i> <i>Idham Arif Alias</i>	BI-CONFLUENT MAPPINGS RELATIVE TO SOME POINTS <i>Abdo Qahis</i>	PRE-SERVICE TEACHER'S READINESS TO SOLVE MATHEMATICAL PROBLEMS AT PRIMARY LEVEL <i>Angateeah Khemduth Singh</i>
16:00 to 16:15	FIFTH ORDER FOUR STAGE EXPLICIT TRIGONOMETRICALLY-FITTED RUNGE-KUTTA-NYSROM METHOD <i>Musa A. Demba</i> <i>Norazak Senu</i> <i>Fudziah Binti Ismail</i>	ON EXISTENCE OF COUNTABLY MANY DISJUNCTIVE SHIFTED OCTANTS IN THE HILBERT SPACE <i>Idham Arif Alias</i> <i>Gafurjan Ibragimov</i>	NONCOMMUTATIVITY OF TWO-DIMENSIONAL PLANE: MOYAL APPROACH <i>Mohd Faudzi Umar</i> <i>Nurisya Mohd Shah,</i> <i>Hishamuddin Zainuddin</i>	FACTORS AFFECTING STUDENTS' ACADEMIC PERFORMANCE: AN ANALYTICAL HIERARCHY PROCESS (AHP) METHOD <i>Mardhiah Baharin</i>

PARALLEL SESSION 2 (CONT'D)
25 August 2015
15:00-17:00

Time	Parallel Session 2A Ballroom A	Parallel Session 2B Function Room 5	Parallel Session 2C Function Room 6	Parallel Session 2D Function Room 9
16:15 to 16:30	<p>IMPLEMENTATION OF VARIABLE STEP SIZE STRATEGY FOR SOLVING EQUATION IN MULTISTEP BLOCK METHOD</p> <p><i>Nurul Huda Abdul Aziz Zanariah Abdul Majid</i></p>	<p>FUZZY-SEMI-GENERALIZED CONTINUOUS MAPPINGS</p> <p><i>Nurul Adilla Farhana Abd Wahab Zabidin Salleh</i></p>	<p>THE APPLICATION OF FOURIER TRANSFORMATION ON ANALOG SIGNAL PROCESSING</p> <p><i>Nikenasih Binatari Emi Nugroho Ratna Sari</i></p>	<p>THE INFLUENCES OF MATHEMATICS BELIEFS ON MATHEMATICS ACHIEVEMENT THROUGH MATHEMATICS SELF-EFFICACY: A STRUCTURAL EQUATION MODEL</p> <p><i>Hajar Kamalimoghaddam Rohani Ahmad Tarmizi Ahmad Fauzi Mohd Ayub Wan Marzuki Wan Jaafar</i></p>
16:30 to 16:45	<p>SOLVING SECOND ORDER DELAY DIFFERENTIAL EQUATIONS BY DIRECT EXTENDED TWO AND THREE POINT ONE-STEP BLOCK METHOD</p> <p><i>Nadzirah Binti Rasdi Zanariah Abdul Majid</i></p>	<p>A VARIATIONAL-FIXED POINT ITERATIVE TECHNIQUE FOR THE SOLUTION OF SECOND ORDER DIFFERENTIAL EQUATION</p> <p><i>Adem Kilicman M. Wadai</i></p>	<p>KOCHEN-SPECKER SYSTEM FOR THREE-DIMENSIONAL VECTOR SPACE REVISITED</p> <p><i>Thian Khoon Tan Hishamuddin Zainuddin</i></p>	<p>THE ROLE OF TECHNOLOGY IN TEACHING AND LEARNING OF MATHEMATICS</p> <p><i>Dungile Maponyane</i></p>
16:45 to 17:00	<p>THE CONVERGENCE OF THE WAVELET EXPANSIONS IN THE CLASSES OF LIOUVILLE L_p^α</p> <p><i>Anvarjon Ahmedov</i></p>	<p>CONSTRUCTION OF CUBATURE FORMUALA FOR DOUBLE INTEGRATION WITH ALGEBRAIC SINGULARITY BY SPLINE POLYNOMIAL</p> <p><i>Sirojo Lawan Bichi</i></p>	<p>MULTILINEAR SINGULAR VALUE DECOMPOSITION FOR TWO QUBITS</p> <p><i>Choong Pak Shen H. Zainuddin I. S. Rakhimov</i></p>	<p>THE ENHANCEMENT OF STUDENTS' MATHEMATICAL CONNECTION ABILITY AND SELF REGULATION LEARNING WITH METACOGNITIVE LEARNING APPROACH IN JUNIOR HIGH SCHOOL</p> <p><i>Kms. Muhammad Amin Fauzi</i></p>

PARALLEL SESSION 3

26 August 2015

08:30-10:15

Time	Parallel Session 3A Ballroom A Chairperson : <i>Muhammad Asyraf Asbullah</i>	Parallel Session 3B Function Room 5 Chairperson : <i>Dr. Chen Chuei Yee</i>	Parallel Session 3C Function Room 6 Chairperson : <i>Phang Pei See</i>	Parallel Session 3D Function Room 9 Chairperson : <i>Santi Sinnakaudan</i>
08:30 to 08:45	INTERACTION OF SOLITONS WITH DELTA POTENTIAL IN THE CUBIC-QUINTIC NONLINEAR SCHRÖDINGER EQUATION <i>Nor Amirah Busul Aklan Bakhram Umarov</i>	EXISTENCE AND GLOBAL HIGHER INTEGRABILITY OF QUASIMINIMIZERS AMONG MINIMIZING SEQUENCES OF VARIATIONAL INTEGRALS <i>Chen Chuei Yee J. Kristensen</i>	POSITIVE SOLUTIONS OF A SINGULAR P-LAPLACIAN DIFFERENTIAL SYSTEM INVOLVING THE RIEMANN-STIELTJES INTEGRAL BOUNDARY CONDITION <i>Tan Jingjing Caozong Cheng</i>	HOW DO YEAR ONE STUDENTS REPRESENT AND SOLVE WORD PROBLEMS BASED ON NUMBERS PARTS-WHOLE RELATIONSHIP? <i>Santi Sinnakaudan Munirah Ghazali</i>
08:45 to 09:00	DESIGN OF RABIN-LIKE CRYPTOSYSTEM WITHOUT DECRYPTION FAILURE <i>Muhammad Asyraf Asbullah Muhammad Rezal Kamel Ariffin</i>	LEBESGUE QUADRATIC STOCHASTIC OPERATORS ON SEGMENT [0,1] <i>Nasir Ganikhodjaev Nur Zatul Akmar Bt Hamzah</i>	MODIFIED TWO-POINT BLOCK METHOD FOR SOLVING BOUNDARY VALUE PROBLEMS DIRECTLY <i>Nurul Nadirah Zakaria Zanariah Abdul Majid Lee Lai Soon</i>	FACTORS AFFECTING STUDENTS' ACADEMIC PERFORMANCE USING ANALYTIC HIERARCHY PROCESS (AHP) <i>Mardhiah Baharin Wan Rosmanira Ismail Rokiah@Rozita Ahmad Noriza Majid</i>
09:00 to 09:15	GAUSSIAN PROCESS AS A NEW TECHNIQUE FOR PREDICTING HYDROCARBON IN SEA BED LOGGING APPLICATIONS <i>Siti Mariam Mukhtar Hanita Daud Sarat Chandra Dass</i>	ON SUBSPACE-DISK TRANSITIVITY OF BILATERAL WEIGHTED SHIFTS <i>Nareen Sabih Muhemed Said Adem Kilicman</i>	IMPLEMENTATION OF VSVO CODE FOR SOLVING BOUNDARY VALUE PROBLEMS OF DIRICHLET AND NEUMANN TYPE <i>Phang Pei See Zanariah Abdul Majid</i>	WHY YEAR ONE STUDENTS HAVE DIFFICULTIES IN MASTERING THE NUMBERS PARTS-WHOLE RELATIONSHIP? <i>Santi Sinnakaudan Munirah Ghazali</i>
09:15 to 09:30	SOLVING NEUTRAL DELAY DIFFERENTIAL EQUATIONS OF PANTOGRAPH TYPE BY USING MULTISTEP BLOCK METHOD <i>Hoo Yann Seong Zanariah Abdul Majid</i>	MACWILLIAMS EQUIVALENCE FOR THE LEE WEIGHT OVER Z_{p+1} <i>Aleams Barra</i>	DIRECT FOUR-POINT ONE-STEP BLOCK METHOD FOR SOLVING DIRICHLET BOUNDARY VALUE PROBLEMS <i>Mohd Mughti Hasni Zanariah Abdul Majid Norazak Senu</i>	A COMPARATIVE STUDY BETWEEN 2D AND 3D ANIMATION TO TEACH MATHEMATICS AMONG FIRST GRADE STUDENTS IN JORDAN <i>Abdelkader Alkofahi Muhamad Ayman Jamaludin Ng Lynn-sze</i>

PARALLEL SESSION 3 (CONT'D)

26 August 2015

08:30-10:15

Time	Parallel Session 3A Ballroom A	Parallel Session 3B Function Room 5	Parallel Session 3C Function Room 6	Parallel Session 3D Function Room 9
09:30 to 09:45	<p>PORTFOLIO SELECTION IN INDONESIA STOCK MARKET WITH FUZZY BI-OBJECTIVE LINEAR PROGRAMMING</p> <p><i>Retno Subekti Rosita Kusumawati</i></p>	<p>ON CONTINUOUS FUNCTIONS IN GENERALIZED TOPOLOGICAL SPACES</p> <p><i>Ahmad Omari</i></p>	<p>SOLVING SECOND ORDER BOUNDARY VALUE PROBLEM USING BLOCK BACKWARD DIFFERENTIATION FORMULAS</p> <p><i>Chew Soon Yuen Zarina Bibi Ibrahim</i></p>	<p>DEVELOPING GEOMETRA AS LEARNING MEDIA BASED ON AUGMENTED-REALITY (AR) IN GEOMETRY SUBJECT OF GRADE VIII</p> <p><i>Medina Rendani Sabana Miftah Rizqi Hanafi Aisyah Purnama Dewi</i></p>
09:45 to 10:00	<p>A Z-NUMBER EXTENSION OF THE HYBRID ANALYTIC HIERARCHY PROCESS - FUZZY DATA ENVELOPMENT ANALYSIS FOR RISK ASSESSMENT</p> <p><i>Nor Ashikin Sahrom</i></p>	<p>NEW SUBCLASS OF BI-UNIVALENT MA-MINDA STARLIKE AND CONVEX FUNCTIONS INVOLVING FOX-WRIGHT FUNCTION</p> <p><i>Mohd Nazran Mohammed Pauzi Saibah Siregar Abdul Satar Naw</i></p>	<p>BOUNDEDNESS AND STABILITY OF LESLIE-GOWER MODEL WITH SOKOL-HOWELL FUNCTIONAL RESPONSE</p> <p><i>Safaa Jawad Ali Norihan Md Arifin Raid Kamel Naji Fudziah Ismail Norfifah Bachok</i></p>	<p>EFFECT OF MULTIMEDIA AND STUDENT-CENTERED ACTIVITIES ON THE ATTITUDE TOWARDS MATHEMATICS OF SMUSHS GRADE 8 STUDENTS</p> <p><i>Monsanto Nerieca P. Antonio Gloria Vicky A.</i></p>
10:00 to 10:15	<p>ITERATIVE METHODS FOR SOLVING SPLIT FEASIBILITY PROBLEM IN HILBERT SPACE</p> <p><i>A.Kilicman L.B. Mohammed</i></p>	<p>DYNAMICS OF A RE-PARAMETRIZATION OF TWO DIMENSIONAL MAPPING DERIVED FROM $\Delta\Delta$-SINE GORDON EQUATIONS</p> <p><i>Zakaria, L. Tuwankotta, J.M. Setya Budi M.W</i></p>	<p>BOUNDEDNESS AND STABILITY OF LESLIE-GOWER FOOD CHAIN MODEL WITH HOLLING TYPE IV FUNCTIONAL RESPONSE</p> <p><i>Safaa Jawad Ali Norihan Md Arifin Raid Kamel Naji Fudziah Ismail Norfifah Bachok</i></p>	<p>UNDERSTANDING PRIMARY SCHOOL TEACHERS' PERSPECTIVES OF TEACHING AND LEARNING IN GEOMETRY : SHAPES AND SPACES</p> <p><i>Tan Tong Hock Aida Suraya Md. Yunus Rohani Ahmad Tarmizi Ahmad Fauzi Ayub</i></p>

PARALLEL SESSION 4

26 August 2015

11:10-12:55

Time	Parallel Session 4A Ballroom A Chairperson : <i>Dr. Fadzilah Md Ali</i>	Parallel Session 4B Function Room 5 Chairperson : <i>Dr. Witriany Basri</i>	Parallel Session 4C Function Room 6 Chairperson : <i>Assoc. Prof. Dr. Zainidin</i>	Parallel Session 4D Function Room 9 Chairperson : <i>Dr. Dalia Aralas</i>
11:10 to 11:25	THE EFFECT OF PRANDTL NUMBER ON FREE CONVECTION FOR VISCOELASTIC FLUID FLOW PAST AN ELLIPTIC CYLINDER <i>Annisa Dwi Sulistyanyingtyas Basuki Widodo Chairul Imron</i>	(α; β; γ)- DERIVATIONS OF DIASSOCIATIVE ALGEBRAS <i>Witriany Basri Isamiddin Rakhimov</i>	APPLICATION OF THE QUADRATURE-DIFFERENCE METHOD FOR SOLVING FREDHOLM INTEGRO-DIFFERENTIAL EQUATIONS <i>Chrisella Binti Julius Zanariah Abdul Majid</i>	WHAT TO MEASURE IN THE LEVEL OF MATHEMATICAL THINKING AMONG PRE-UNIVERSITY SCIENCE STUDENTS? <i>Yeoh Hong Beng Aida Suraya Md Yunus</i>
11:25 to 11:40	THE INFLUENCE OF MIXED CONVECTION PARAMETER AND PRANDTL NUMBER ON THE MIXED CONVECTION FLOW OF MAGNETOHYDRODYNAMICS (MHD) VISCOELASTIC FLUID <i>Basuki Widodo Galuh Oktavia Siswono Chairul Imron</i>	CENTROIDS AND DERIVATIONS OF ASSOCIATIVE ALGEBRAS <i>Sharifah Kartini Said Husain Isamiddin Rakhimov</i>	MULTISTEP BLOCK METHOD FOR SOLVING VOLTERRA INTEGRO - DIFFERENTIAL EQUATIONS <i>Nurul Atikah Mohamed Zanariah Abdul Majid</i>	DEVELOPMENT OF A FRAMEWORK TO ASSESS PRESCHOOL CHILDREN'S NUMERACY <i>Munirah Ghazali Zurida Ismail Zakiah Mohamad Ashari</i>
11:40 to 11:55	EFFECT OF VELOCITY SECOND SLIP BOUNDARY CONDITION ON THE PERISTALTIC TRANSPORT OF JOHNSON SEGALMAN FLUID IN AN ASYMMETRIC CHANNEL <i>N L Bhikshu M V Ramana Murthy Y V K Ravi Kumar</i>	GROBNER-SHIRSHOV BASIS FOR DEGENERATE RINGEL-HALL ALGEBRA OF TYPE <i>Gao Zhenzhen</i>	MODIFIED HOMOTOPY PERTURBATION METHOD FOR SOLVING FREDHOLM-VOLTERRA INTEGRO-DIFFERENTIAL EQUATION <i>Fatimah Samihah Zulkarnain Z. K. Eshkuvatov N. M. A. Nik Long Z. Muminov</i>	MODEL OF COLLABORATIVE ASSESSMENT OF MATHEMATICS' TEACHER PERFORMANCE BASED ON OPEN CLASS ACTIVITY (OCA) TO INCREASE OF SCIENTIFIC PUBLICATIONS <i>Kartono Tono Endang Retno Winarti Masrukan</i>
11:55 to 12:10	WANG'S STRETCHING/ SHRINKING SHEET PROBLEM FOR NANOFLUIDS <i>Noor Syazana Zainal Fadzilah Md Ali</i>	ON BANNACH FIXED POINT THEOREM AND ITS APPLICATION <i>Nuradeen Sayyadi Gafai</i>	AN APPROXIMATE SOLUTION OF TWO DIMENSIONAL NON-LINEAR VOLTERRA INTEGRAL EQUATION USING NEWTON-KANTOROVICH METHOD <i>Hameed Husam Hameed Z.K. Eshkuvatov N.M.A. Nik Long</i>	STUDENTS' PERCEPTION ON SECONDARY SCHOOL MATHEMATICAL TOPICS AND THE VALUES FOR ENTREPRENEURSHIP AND MANPOWER DEVELOPMENT <i>Olaniyani Oluremi</i>

PARALLEL SESSION 4 (CONT'D)

26 August 2015

11:10-12:55

Time	Parallel Session 4A Ballroom A	Parallel Session 4B Function Room 5	Parallel Session 4C Function Room 6	Parallel Session 4D Function Room 9
12:10 to 12:25	<p>SIMULTANEOUS EFFECTS OF SORET AND DUFOUR ON THE UNSTEADY STAGNATION POINT FLOW OF MICROPOLAR FLUID TOWARDS A PERMEABLE STRETCHING SHEET</p> <p><i>Shah Jahan Hamzah Sakidin Roslinda Nazar</i></p>	<p>POLYNOMIALS WITH ONLY REAL ZEROS</p> <p><i>Kulprapa Srimud</i></p>	<p>ONE-STEP IMPLICIT HYBRID METHOD FOR SOLVING SEMI-EXPLICIT INDEX-1 DIFFERENTIAL ALGEBRAIC EQUATION</p> <p><i>Khoo Kai Wen Zanariah Abdul Majid</i></p>	<p>HOW CAN NEGATIVE ITEMS AFFECT THE RELIABILITY OF INSTRUMENT?</p> <p><i>Nur Fatimah Mat Yusoff Muhd Aizzuddin Mat Yusoff</i></p>
12:25 to 12:40	<p>FLUID MECHANICS OF THE DESCHEMET'S MEMBRANE DETACHMENT WITH SPONTANEOUS REATTACHMENT</p> <p><i>Zuhaila Ismail Lim Yeou Jiann Huda Salmi Ahmad Sharidan Shafie Alistair Fitt</i></p>	<p>ON BORNOLOGICAL SEMIGROUPS</p> <p><i>Anwar Nooraldeen Isamiddin Rakhimov</i></p>	<p>A TWO-STEP TRIGONOMETRICALLY FITTED SEMI-IMPLICIT HYBRID METHOD FOR SOLVING SPECIAL SECOND ORDER OSCILLATORY DIFFERENTIAL EQUATION</p> <p><i>Sufia Zulfa Ahmad F. Ismail N. Senu</i></p>	<p>MATHEMATICAL IMAGINATION AND CREATIVE STATISTICAL WORK OF UNIVERSITY STUDENTS</p> <p><i>Dalia Aralas</i></p>
12:40 to 12:55	<p>INFLUENCE OF INTERNAL HEAT SOURCE ON DOUBLE-DIFFUSIVE SORET INDUCED CONVECTION IN A BINARY FLUID</p> <p><i>Norfadzillah Mohd Mokhtar J. Uddin</i></p>	<p>THE ACTION OF BOCK HOPF ALGEBRA ON THE SIMPLE SUPER ALGEBRAS</p> <p><i>Fengxia Gao Shilin Yang</i></p>	<p>AN ASSESSMENT OF MATHEMATICAL COMMUNICATION COMPETENCY OF FOURTH YEAR SCIENCE AND NON-SCIENCE HIGH SCHOOL STUDENTS</p> <p><i>Jocelyn P. Aman</i></p>	

PARALLEL SESSION 5
26 August 2015
15:00-16:00

Time	Parallel Session 5A Ballroom A Chairperson : <i>Prof. Dr. Rakhmatillo D. Aloev</i>	Parallel Session 5B Function Room 5 Chairperson : <i>Dr. Intan Muchtadi Alamsyah</i>	Parallel Session 5C Function Room 6 Chairperson : <i>Nur Raidah Salim</i>	Parallel Session 5D Function Room 9 Chairperson : <i>Nur Zahidah Mukhtar</i>
15:00 to 15:15	UNIQUENESS SOLUTION OF THE FINITE ELEMENTS SCHEME FOR SYMMETRIC HYPERBOLIC SYSTEMS WITH VARIABLE CO-EFFICIENTS <i>Rakhmatillo D. Aloev Sh.O. Davlatov M.U. Khudoyberganov Z.K. Eshkuvatov</i>	DEGENERATIONS FOR MODULE VARIETY BY U-EXACT SEQUENCE <i>Intan Muchtadi Alamsyah</i>	ON THE PERFORMANCES OF IMZSS2 METHOD FOR BOUNDING POLYNOMIAL ZEROS SIMULTANEOUSLY <i>Nur Raidah Salim Mansor Monsi</i>	SOLVING DIRECTLY GENERAL THIRD ORDER ORDINARY DIFFERENTIAL EQUATIONS USING VARIABLE STEP SIZE AND OTHER TECHNIQUES <i>Nurul Asyikin Bt Azmi</i>
15:15 to 15:30	MICROWAVE CHARACTERIZATION OF BIO-COMPOSITES MATERIALS BASED FINITE ELEMENT AND NICHOLSON-ROSS-WEIR METHODS <i>Ahmad Fahad Al-Hamdany Z. Abbas S.J. Obaiys N. Ibrahim M.F. Zainuddin</i>	SYMMETRIES OF RHOTRIX USING AUNU PERMUTATION PATTERNS <i>Aminu Usman</i>	ON THE EFFICIENCIES OF THE IMSS1 METHOD FOR BOUNDING POLYNOMIAL ZEROS SIMULTANEOUSLY <i>Syaida Fadhilah Mohammad Rusli Mansor Monsi Nasruddin Hassan</i>	EXTENDED ONE-STEP BLOCK METHOD FOR SOLVING STIFF INITIAL VALUE PROBLEM <i>Nur Zahidah Mukhtar Zanariah Abdul Majid</i>
15:30 to 15:45	A NONLINEAR NONLOCAL PROBLEM FOR A HYPERBOLIC EQUATION <i>Olga Danilkina</i>	ALMOST PRIME SUBMODULES ON TORSION MODULE OVER PRINCIPAL IDEAL DOMAIN <i>Gede Adhitya Wisnu Wardhana Pudji Astuti Intan Muchtadi-Alamsyah</i>	IMPULSIVE ORDINARY DIFFERENTIAL EQUATIONS ON AN UNBOUNDED INTERVAL WITH CAUCHY PROBLEM <i>Bahya Roummani Ouahab Abdelghani</i>	TWO POINT DIAGONAL BLOCK METHOD OF ORDER THREE FOR SECOND ORDER ORDINARY DIFFERENTIAL EQUATIONS <i>Nooraini Zainuddin</i>
15:45 to 16:00	NUMERICAL SOLUTION OF KAUP-KUPERSHMIDT EQUATION BY SPECTRAL COLLOCATION METHOD <i>Abdur Rashid Ahmad Izani Md Ismail Muhammad Abbas</i>	CHARACTERIZING THE ABSOLUTE CONTINUITY OF THE CONVOLUTION OF ORBITAL MEASURES IN A CLASSICAL LIE ALGEBRA <i>Sanjiv Kumar Gupta K. E. Hare</i>	BOUNDED SOLUTION OF CHARACTERISTIC SINGULAR INTEGRAL EQUATION USING DIFFERENTIALTRANSFORM METHOD <i>Mohammed Abdulkawi Mahiub Abdalmoghny Mona Yahia Hassan Alyami</i>	COMPARISON OF VARIABLE STEP VARIABLE ORDER APPROACH BETWEEN BLOCK BDF METHOD AND ODE15S <i>Siti Ainor Md Yatim Z.B. Ibrahim K.I. Othman M. Suleiman</i>

PARALLEL SESSION 6
26 August 2015
16:15-17:30

Time	Parallel Session 6A Function Room 5 Chairperson : <i>Ibrahim Mu'awiyya Idris</i>	Parallel Session 6B Function Room 6 Chairperson : <i>Epha Diana Supandi</i>	Parallel Session 6C Function Room 9 Chairperson : <i>Kathiresan Gopal</i>
16:15 to 16:30	DIETARY PLANNING FOR DIABETES MELLITUS PATIENTS USING GOAL PROGRAMMING APPROACH <i>Atmini Dhoruri Dwi Lestari Eminugroho Ratnasari</i>	A STUDY ON A MEMORY TYPE EWMA CONTROL CHART WITH UNKNOWN PROCESS PARAMETERS <i>You Huay Woon Michael Boon Chong Khoo</i>	DEVELOPING SCIENTIFIC APPROACH- BASED INTERACTIVE TEACHING MATERIAL FOR JUNIOR HIGH SCHOOL STUDENT <i>Heni Pujiastuti</i>
16:30 to 16:45	STABILITY ANALYSIS OF DENGUE DISEASE USING HOST - VECTOR MODEL <i>Eminugroho Ratna Sari</i>	A SYNTHETIC REVISED M-OF-K RUNS RULE CONTROL CHART <i>Chong Zhi Lin Michael Khoo Boon Chong Teh Sin Yin Wei Lin Teoh</i>	THE STUDENTS' ABILITY IN FINDING INTUITIVE MATHEMATICS ON THE COMPLETENESS PROPERTY OF REAL <i>Indaryanti</i>
16:45 to 17:00	EFFECT OF TUMOR MICROENVIRONMENTAL GROWTH FACTORS FLUCTUATIONS ON TUMOR GROWTH DYNAMICS WITH NON-ZERO SELF-CORRELATION TIME <i>Ibrahim Mu'awiyya Idris Mohd Rizam Abu Bakar</i>	A CONSTRUCTION OF ROBUST PORTFOLIO ESTIMATION <i>Epha Diana Supandi Dedi Rosadi Abdurakhman</i>	ISLANDS OF SUPERFICIAL KNOWLEDGE WITHOUT A CANOE TO GET FROM ONE END TO THE OTHER: THE NATURE OF COLLEGE MATHEMATICS <i>Parmjit Singh P. K. Veloo Harkirat S Dhindsa</i>
17:00 to 17:15	MODELING AND ANALYSIS OF A PREY- PARTIALLY DEPENDENT PREDATOR SYSTEM WIT RESERVED AREA <i>M.V. Ramana Murthy Dahlia Khaled Bahlool</i>	DEFAULT PROBABILITY OF MULTIPERIOD COUPON BOND BASED ON CLASSICAL APPROACH <i>Di Asih I Maruddani Dedi Rosadi Gunardi Abdurakhman</i>	
17:15 to 17:30	COMPLEX FUZZY RING <i>Abdallah Al-Husban Abdul Razak Salleh</i>		

PARALLEL SESSION 7

27 August 2015

08:30-09:45

Time	Parallel Session 7A Ballroom A Chairperson : <i>Mohammed Abdulhameed</i>	Parallel Session 7B Function Room 5 Chairperson : <i>Ebtisam Eljamal</i>	Parallel Session 7C Function Room 6 Chairperson : <i>Dr. Siti Nur Iqmal Ibrahim</i>	Parallel Session 7D Function Room 9 Chairperson : <i>Dr. Ahmad Fauzi Mohd Ayub</i>
08:30 to 08:45	AN EXISTENCE OF TRAPEZOIDAL WAVEFORM OF OSCILLATING MOTION FROM TRIANGULAR PRESSURE WAVEFORMS: THE CASE OF AN OLDROYD-B MODEL <i>Mohammed Abdulhameed Ishak Hashim Habibi Saleh Rozaini Roslan</i>	MAJORIZATION FOR CLASSES OF MEROMORPHICALLY P-VALENT STARLIKE FUNCTIONS <i>Ebtisam Eljamal Maslina Durus</i>	NUMERICAL STUDY ON GEOMETRIC ASIAN OPTIONS UNDER HESTON'S STOCHASTIC VOLATILITY MODEL <i>Mohamed Faris Laham Siti Nur Iqmal Ibrahim</i>	ASSESSING TEACHERS' ATTITUDE AND USE OF LAPTOPS FOR TEACHING AND LEARNING <i>Azlin Abdul Jalal Ahmad Fauzi Mohd Ayub Rohani Ahmad Tarmizi Kamariah Abu Bakar</i>
08:45 to 09:00	EXISTENCE OF STEADY SOLUTION FROM UNSTEADY FLOW OF VISCOELASTIC FLUID DUE TO DIFFERENT PRESSURE WAVEFORM IN A CIRCULAR CYLINDER <i>Mohammed Abdulhameed Fazlina Aman Mahathir Mohamad Rozaini Roslan</i>	UPPER BOUND OF SECOND HANKELL DETERMINANT FOR A CLASS OF ANALYTIC FUNCTIONS ASSOCIATED WITH GENERALISED DERIVATIVE OPERATOR <i>Anessa Oshah Maslina Darus</i>	HOLDER-EXTENDIBLE CALL OPTIONS WITH STOCHASTIC VOLATILITY MODEL <i>Ng Teck Wee</i>	THE INFLUENCE OF PARENTAL INVOLVEMENT AND PEER SUPPORT TOWARDS MATHEMATICS ENGAGEMENT AMONG SECONDARY SCHOOL STUDENTS <i>Norakusuma Mohd Din Ahmad Fauzi Mohd Ayub Rohani Ahmad Tarmizi</i>
09:00 to 09:15	APPLICATION OF HPM-PADÉ TO NONLINEAR DIFFERENTIAL EQUATION IN FORCE CONVECTION PROBLEM OVER HORIZONTAL FLAT PLATE <i>Farah Suraya Md Nasrudin Shafaruniza Mahadi Faisal Salah Zainal Abdul Aziz</i>	EFFECTIVE METHOD OF PURSUIT IN SIMPLE MOTION DIFFERENTIAL GAME OF THREE PURSUERS AND ONE EVADER <i>Gafurjan Ibragimov Sofiah Yunus</i>	OPTION PRICING FOR JUMP IN VOLATILITY AND STOCHASTIC INTENSITY <i>Nonthiya Makate Amaraporn Sengpanit Wasana Thongkamhaeng</i>	EFFECTS OF MATAS HOPSCOTCH TECHNIQUE IN THE LEARNING OF FRACTIONS BY YEAR 5 PUPILS <i>Kamariah Abu Bakar Devaki a/p Periasamy Ahmad Fauzi Mohd Ayub</i>
09:15 to 09:30	THE DYNAMICS OF A STAGE STRUCTURE PREY-PREDATOR MODEL WITH VIRAL INFECTIOUS DISEASE <i>Raid Kamel Naji Dina Sultan Al-Jaf</i>	EXISTENCE OF GLOBAL ATTRACTOR IN STRONGLY CONTINUOUS SEMI GROUPS $\{T(t)\}$ THAT HAS LYAPUNOV FUNCTION OF A METRIC SPACE <i>M.Imran</i>	THE VALUATION OF EXTENDIBLE OPTIONS WITH STOCHASTIC VOLATILITY <i>Ng Teck Wee Siti Nur Iqmal Ibrahim</i>	EFFECTS OF GEOGEBRA TOWARDS STUDENTS' MATHEMATICS PERFORMANCE <i>Kamariah Abu Bakar Ahmad Fauzi Mohd Ayub</i>
09:30 to 09:45	NUMERICAL COMPARISON OF CONJUGATE GRADIENT METHOD FOR UNCONSTRAINED OPTIMIZATION <i>Wan Farah Hanan Wan Osman Mustafa Bin Mamat</i>	A NEW METHOD FOR STARTER SETS GENERATION BY FIXING ANY ELEMENT <i>Sharmila Karim</i>	SHARE PRICES SIMULATION WITH STOCHASTIC PROCESS <i>Muhammad Syazwan Mohd Zaki Siti Nur Iqmal Ibrahim</i>	TRENDS IN STUDENTS' ACADEMIC ACHIEVEMENT IN MAY/JUNE (2010-2012) MATHEMATICS, PHYSICS, CHEMISTRY AND BIOLOGY IN NIGERIA: A MISSING LINK TOWARDS ATTAINING SUSTAINABLE ADVANCEMENT IN SCIENCE AND TECHNOLOGY <i>Olanियan Oluremi</i>

PARALLEL SESSION 8
27 August 2015
10:00-11:15

Time	Parallel Session 8A Ballroom A Chairperson : <i>Sharmila Karim</i>	Parallel Session 8B Function Room 5 Chairperson : <i>Mohd Radzi Aridi</i>	Parallel Session 8C Function Room 6 Chairperson : <i>Raja Noor Farah Azura</i>	Parallel Session 8D Function Room 9 Chairperson : <i>Mohamed Faris Laham</i>
10:00 to 10:15	SOLVING TRAPEZOIDAL FUZZY NUMBER LINEAR PROGRAMMING <i>Karyati Dhoriva UW Nur Insani</i>	IMPLICIT BLOCK HYBRID-LIKE METHOD FOR SOLVING SYSTEM OF FIRST ORDER ORDINARY DIFFERENTIAL EQUATIONS <i>Yap Lee Ken Fudziah Ismail</i>	MODIFICATION OF SPECIES-BASED DIFFERENTIAL EVOLUTION FOR ENGINEERING DESIGN OPTIMIZATION <i>Said Iskandar Hermawan Syahputra Muliawan Firdaus</i>	THE ROLE OF DYNAMIC PROGRAMMING IN THE DISTIRBUTION OF INVESTEMENT ALLOCATION BETWEEN PRODUCTION LINES WITH AN APPLICATION <i>Inam Abdul-Zahra Iraq Tereq Abbas Rizam Abu Bakar Bayda Atiya Kalaf Leong Wah June Mansor Bin Monsi</i>
10:15 to 10:30	SINGLE-VALUED CORE SELECTION AND AGGREGATE-MONOTONIC SOLUTIONS TO EQUITABLE COST ALLOCATION <i>Nguyen Luong Bach</i>	COAUTHORSHIP NETWORKS IN UPM PUBLICATION <i>Zurita Ismail Hishamuddin Zainuddin</i>	MODIFIED VIRTUAL SEMI-CIRCLE FOR MG-TRUCKS NAVIGATION <i>Raja Noor Farah Azura Raja Ma'amor Shah S. Amira N. Irwan R.L. Zuraida M.H. Hafiz</i>	SIMPLER HYDROSTATICS COMPONENT OF UNBABC MAPPING FUNCTION USING NONLINEAR CURVE FITTING METHOD <i>Siti Rahimah Batcha Hamzah Sakidin Asmala Ahmad</i>
10:30 to 10:45	EFFECT OF SINUSOIDALLY HEATING ON MIXED CONVECTION IN SQUARE CAVITY FILLED WITH A POROUS MEDIUM <i>Najah Zainuddin N. A. Bakar A. Karimipour R. Roslan</i>	NETWORK MODELING OF PM10 CONCENTRATION IN MALAYSIA <i>Muhammad Nazirul Aiman Abu Supian Sakhinah Abu Bakar Fatimah Abdul Razak</i>	USING BAT ALGORITHM OPTIMIZE LENNARD-JONES CLUSTERS <i>Fei Xue</i>	ON THE LOGARITHMIC-ORDER AND LOGARITHMIC-TYPE OF ANALYTIC MATRIX FUNCTIONS HAVING SLOW RATES OF GROWTH IN COMPLETE REINHARDT DOMAIN <i>Chhaya Singhal G.S.Srivastava</i>
10:45 to 11:00	THERMOHALINE CONVECTION WITH VARIABLE VISCOSITY <i>Harisingh Naik</i>	MATHEMATICAL MODELLING IN THE RIVER POLLUTION USING INVERSE LAPLACE TRANSFORMS <i>Ahmad Zaki Mohamad Amin Mohd Zin Bin Mokhtar</i>	AN ARTIFICIAL INTELLIGENCE STRATEGY FOR THE PREDICTION OF WIND SPEED AND DIRECTION IN SARAWAK FOR WIND ENERGY MAPPING <i>Salisu Muhamad Lawan, W. A. W. Z. Abidin S. L. Bichi A. M. Lawan</i>	MODELLING CARE DELIVERY SYSTEM IN HOSPITAL EMERGENCY DEPARTMENT <i>Nur Insani</i>
11:00 to 11:15	INCLUSION PROPERTY OF ORLICZ AND WEAK ORLICZ SPACES <i>Al Azhary Masta Hendra Gunawan Wono Setya Budhi</i>	NORMAL, SHEAR AND TEARING MODE STRESSES FOR THE INTERACTION BETWEEN STRAIGHT AND CURVED CRACKS PROBLEM IN PLANE ELASTICITY <i>Mohd Radzi Aridi Nik Mohd Asri Nik Long Eshkuvatov Zainidin</i>	IMPROVED METAHEURISTIC FOR SCHEDULING PROBLEMS ON SINGLE MACHINE <i>Selt Omar</i>	A BILATERAL CONTACT PROBLEM WITH ADHESION AND DAMAGE BETWEEN TWO VISCOELASTIC BODY <i>Souida Boukrioua</i>