

SESI SELARI 1

27 SEPTEMBER 2016 | SELASA | 1110 - 1300

Sesi	1A	1B	1C	1D	1E
Tempat	Gamelan 1	Gamelan 2	Gamelan 3	Gamelan 4	Rebana 4
Masa 1110 – 1130	<i>Pengerusi Sesi:</i> <i>Dr. Nazihah Ahmad (PJ)</i>	<i>Pengerusi Sesi:</i> <i>PM Dr. Maznah Kasim (PJ)</i>	<i>Pengerusi Sesi:</i> <i>PM Dr. Mohd Tahir Ismail</i>	<i>Pengerusi Sesi:</i> <i>Dr. Sharifah Kartini(PJ)</i>	<i>Pengerusi Sesi:</i> <i>Prof. Dr. Mohd Nordin</i>
	<p>PENDEKATAN SISTEM LINEAR BERSEKUTU BAGI PENYELESAIAN SISTEM LINEAR KABUR PENUH DENGAN NOMBOR KABUR HEKSAGON</p> <p><u>Nazihah Ahmad dan</u> Ghassan Malkawi</p>	<p>TAFSIRAN BEBERAPA KAEDAH PENGAGGREGATAN TERPILIH DALAM PENYELESAIAN MASALAH PEMBUATAN KEPUTUSAN BERBILANG KRITERIA</p> <p><u>Maznah Mat Kasim</u></p>	<p>THE DYNAMIC RELATIONSHIP BETWEEN BURSA MALAYSIA COMPOSITE INDEX AND MACROECONOMIC VARIABLES</p> <p><u>Mohd Tahir Ismail,</u> Farid Zamani Che Rose and Rosmanjawati Abd Rahman</p>	<p>PERANAN KURSUS FALSAFAH SAINS DALAM MEREALISASIKAN FALSAFAH PENDIDIKAN KEBANGSAAN</p> <p><u>Sharifah Kartini Said Husain</u></p>	<p>THE DIRECTION OF CLOUD COMPUTING FOR EDUCATION SECTOR IN 21st CENTURY</p> <p>Jazurainifariza Jaafar and <u>Mohd Nordin Abdul Rahman</u></p>
1130 - 1145	<p>SUATU KAJIAN PERBANDINGAN PRESTASI ALGORITMA METAHEURISTIK DALAM PEMBELAJARAN RANGKAIAN NEURAL</p> <p><u>Kee Huong Lai,</u> Zarita Zainuddin and Pauline Ong</p>	<p>AN EXTENSION OF THE PREY-PREDATOR ALGORITHM</p> <p><u>Tong Sheng Tan</u> and Hong Choon Ong</p>	<p>SIMULATED TSUNAMI RUN-UP AMPLIFICATION FACTORS AROUND PENANG ISLAND FOR PRELIMINARY RISK ASSESSMENT</p> <p><u>Lim Yong Hui,</u> Khng Xin Yi, Teh Su Yean, Koh Hock Lye and Tan Wai Kiat</p>	<p>MATHEMATICAL MISCONCEPTION IN CALCULUS 1</p> <p>Salimah Ahmad, <u>Nur Hidayah Masni Abdullah,</u> Asyura Abd Nassir and Nor Habibah Tarmuji</p>	<p>BONDED PARALLEL DELETION SYSTEMS</p> <p><u>Ahmad Firdaus Yosman,</u> Wang Heng Fong, Sherzod Turaev and Nor Haniza Sarmin</p>

<p>1145 – 1200</p>	<p>MATHEMATICAL MODELLING OF MICROALGAE GROWTH IN CYLINDRICAL PHOTOBIOREACTOR</p> <p><u>Noorhadila Mohd Bakeri</u> and Siti Suhana Jamaian</p>	<p>ANALYTICAL SOLUTION FOR FRACTIONAL TUBERCULOSIS MODEL</p> <p><u>Farah Aini Abdullah</u></p>	<p>MODELING THE MITIGATION EFFECT OF COASTAL FOREST ON TSUNAMI</p> <p><u>Xin Yi Kh'ng, Su Yean Teh</u> and Hock Lye Koh</p>	<p>KESAN MENGGUNAKAN MULTI-VIDE RULER KIT TERHADAP PENCAPAIAN KEMAHIRAN NUMERASI DALAM KALANGAN MURID PROTIM;EFFECTS OF USING MULTI-VIDE RULER KIT IN THE ACQUISITION OF NUMERACY SKILLS AMONG PROTIM STUDENTS</p> <p><u>Corrienna Abdul Talib</u></p>	<p>SOLVING RIEMANN-HILBERT PROBLEM ON SIMPLY CONNECTED REGION WITH CORNERS USING INTEGRAL EQUATION WITH PERTURBED GENERALIZED NEUMANN KERNEL</p> <p><u>Ummu Tasnim Husin</u>, Ali H. M. Murid and Mukhiddin I. Muminov</p>
<p>1200 – 1215</p>	<p>MATHEMATICAL MODELING FOR POPULATION DYNAMICS OF ANAEMIA DURING PREGNANCY</p> <p><u>Cher Qing Toh</u> and Auni Aslah Mat Daud</p>	<p>COMPARISON OF POTENTIAL METHOD TO ANALYTIC HIERARCHY PROCESS IN MULTI-ATTRIBUTE FOR CATERING SERVICE COMPANIES</p> <p><u>Siti Salwana Mamat</u>, Tahir Ahmad and Siti Rahmah Awang</p>	<p>IMPACT SIMULATION OF SHRIMP FARM EFFLUENT ON BOD-DO IN SETIU RIVER</p> <p><u>Michael Sueng Lock Chong</u>, Su Yean Teh and Hock Lye Koh</p>	<p>THE IMPACT OF AGEING AND THE SPEED OF AGEING ON THE ECONOMIC GROWTH OF DEVELOPING ASIAN COUNTRIES</p> <p><u>Brendan Lo Rick</u> and Siok Kun Sek</p>	<p>CHARACTERIZATION OF 5-GROUPS WITH C12-COVERING</p> <p><u>Rawdah Adawiyah Tarmizi</u> and Hajar Sulaiman</p>

<p>1215 – 1230</p>	<p>SOLVING BUCKMASTER EQUATION USING CUBIC B-SPLINE AND CUBIC TRIGONOMETRIC B-SPLINE INTERPOLATION METHODS</p> <p>Maveeka Chantrasuwan, Nur Asreenawaty Mohd Asri, <u>Nur Nadiah Abd Hamid</u>, Ahmad Abd. Majid and Amirah Azmi</p>	<p>ARTIFICIAL IMMUNE SYSTEM ALGORITHM IN VLSI CIRCUIT CONFIGURATION</p> <p><u>Mohd Asyraf Mansor</u>, Saratha Sathasivam and Mohd Shareduwan Mohd Kasihmuddin</p>	<p>KAJIAN RINTIS BAGI PERAMALAN ALIRAN SUNGAI DI BANDAR BERASASKAN PEMBINAAN RUANG FASA</p> <p><u>Nur Hamiza Adenan</u>, Nor Zila Abd Hamid and Mohd Salmi Md Noorani</p>	<p>FORECASTING THE VALUE OF CREDIT SCORING</p> <p><u>Shakila Saad</u>, Noryati Ahmad and Maheran Mohd Jaffar</p>	<p>ARTIFICIAL BEE COLONY IN NEURO SYMBOLIC INTEGRATION</p> <p><u>Mohd Shareduwan Mohd Kasihmuddin</u>, Saratha Sathasivam and Mohd Asyraf Mansor</p>
<p>1230 - 1245</p>	<p>SOLVING DYM EQUATION USING QUARTIC B-SPLINE AND QUARTIC TRIGONOMETRIC B-SPLINE INTERPOLATION METHODS</p> <p>Nur Hidayah Mafazi, Hanis Safirah Saiful Anuar, <u>Nur Nadiah Abd Hamid</u>, Ahmad Abd. Majid and Amirah Azmi</p>	<p>POST OPTIMIZATION PARADIGM IN MAXIMUM 3-SATISFIABILITY LOGIC PROGRAMMING</p> <p><u>Mohd Asyraf Mansor</u>, Saratha Sathasivam and Mohd Shareduwan Mohd Kasihmuddin</p>	<p>A COMPARISON OF MODEL-BASED IMPUTATION METHODS FOR HANDLING MISSING PREDICTOR VALUES IN A LINEAR REGRESSION MODEL: A SIMULATION STUDY</p> <p><u>Haliza Hasan</u>, Sanizah Ahmad, Balkish Mohd Osman, Shamsiah Sapri and Nadirah Othman</p>	<p>TIME SERIES FORECASTING USING ERNN AND QR MODELS BASED ON BAYESIAN MODEL AVERAGING</p> <p><u>Augustine Davou Pwasong</u> and Saratha Sathasivam</p>	<p>A UNIFYING FRAMEWORK FOR DECOMPOSITION MODELS OF PARAMETRIC AND NON-PARAMETRIC IMAGE REGISTRATION</p> <p><u>Mazlinda Ibrahim</u> and Ke Chen</p>

<p>1245 - 1300</p>	<p>NUMERICAL SOLUTION FOR 2D FUZZY PARABOLIC EQUATION IN AGE ITERATIVE METHOD</p> <p><u>A'Qilah Ahmad Dahalan</u>, Jumat Sulaiman and Wan Rozita Wan Din</p>	<p>MODELLING OF MICRONEEDLES ASSISTED TRANSDERMAL DRUG DELIVERY</p> <p><u>Siti Madhihah Abd Malik</u>, Ilyani Abdullah and Shalela Mohd Mahali</p>	<p>A HYBRID APPROACH EMD-HW FOR SHORT-TERM FORECASTING OF STOCK MARKET TIME SERIES DATA</p> <p><u>Ahmad Mohd Awajan</u> and Mohd Ismail</p>	<p>COMPARISON OF VOLATILITY FUNCTION TECHNIQUE FOR RISK-NEUTRAL DENSITIES ESTIMATION</p> <p><u>Hafizah Binti Bahaludin</u> and Mimi Hafizah Abdullah</p>	<p>THE OFFSETS OF GENERALIZED LOG-AESTHETIC CURVES</p> <p>Gobithaasan Rudrusamy, <u>R. Karpagavalli</u> and Kenjiro T. Miura</p>
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SESI SELARI 2

27 SEPTEMBER 2016 | SELASA | 1400 - 1505

Sesi	2A	2B	2C	2D	2E
Tempat	Gamelan 1	Gamelan 2	Gamelan 3	Gamelan 4	Rebana 4
Masa	<i>Pengerusi Sesi: PM Dr. Ali Hassan (PJ)</i>	<i>Pengerusi Sesi: Prof. Dr. Zanariah(PJ)</i>	<i>Pengerusi Sesi: Pn. Suriana Alias</i>	<i>Pengerusi Sesi: Dr. Habibulla Ahadkulov (PJ)</i>	<i>Pengerusi Sesi: En. Mohd Azrin Mohammad Rahim</i>
1400 – 1420	PEMETAAN KONFORMAL BERANGKA MELALUI PERSAMAAN KAMIRAN DAN PENGGUNAANNYA	SOLUTION OF VANISHING DELAY DIFFERENTIAL EQUATIONS USING THREE POINT MULTISTEP BLOCK METHOD	CRITICAL REVIEW ON NEUTROSOPHIC THEORY AND NEUTROSOPHIC LOGIC	MULTIDIMENS IONAL FIXED- POINT THEOREMS AND APPLICATIONS	VALIDATION STUDY OF THE HUFFAZ INTELLIGENCE TEST (HIT) AMONG HUFFAZ IN MALAYSIA ISLAMIC SCHOOL
	<u>Ali Hassan Mohamed Murid</u>	<u>Zanariah Abdul Majid</u> and Nurul Huda Abdul Aziz	<u>Suriana Alias</u> and Daud Mohamad	<u>Habibulla Ahadkulov</u>	<u>Mohd Azrin Mohammad Rahim</u> , Tahir Ahmad, Siti Rahmah Awang and Ajmain Safar
1420 - 1435	ON EXTREMUM GEOMETRIC- ARITHMETIC INDICES OF MOLECULAR TREES	STABILITY OF DUAL SOLUTIONS IN BOUNDARY LAYER FLOW AND HEAT TRANSFER OVER A STRETCHING CYLINDER	NUMERICAL SOLUTIONS OF MAGNETO- HYDRODYNAMICS BOUNDARY LAYER FLOW OF MAXWELL FLUID OF A STRETCHING/ SHRINKING SHEET IN THE PRESENCE OF NANOPARTICLES	BLOCK METHOD FOR THIRD ORDER ORDINARY DIFFERENTIAL EQUATIONS	INVESTIGATING ASYMMETRIC RELATIONSHIP BETWEEN INFLATION- OUTPUT GAP AND EXCHANGE RATE CHANGES
	<u>Nor Hafizah Md Husin and Roslan Hasni</u>	<u>Najwa Mohd Najib</u> , Norfifah Bachok and Norihan Md Arifin	<u>Rahimah Jusoh</u> and Roslinda Nazar	<u>Nooraini Zainuddin</u> and Zarina Bibi Ibrahim	<u>Jeng Fei Chu</u> and Siok Kun Sek

<p>1435 - 1450</p>	<p>COMBINATORIAL STRUCTURES ASSOCIATED WITH LOW DIMENSIONAL SECOND CLASS OF NON-LIE FILIFORM LEIBNIZ ALGEBRA</p> <p><u>Ayu Ameliatul Shahilah Ahmad Jamri</u>, Sharifah Kartini Said Husain and Isamiddin S. Rakhimov</p>	<p>BOUNDARY LAYER FLOW AND HEAT TRANSFER IN ROTATING NANOFLUID OVER A STRETCHING SHEET USING BOUNGIORNO MODEL AND THERMOPHYSICAL PROPERTIES OF NANOLIQUIDS</p> <p><u>Nor Ashikin Abu Bakar</u>, Norfifah Bachok and Norihan Md. Arifin</p>	<p>FREE-CONVECTION FLOW PAST A HORIZONTAL SURFACE IN A NANOFLUID WITH SUCTION/INJECTION</p> <p><u>Nurul Shahirah Mohd Adnan</u>, Norihan Md Arifin, Norfifah Bachok and Roslinda Nazar</p>	<p>NUMERICAL SOLUTIONS OF MHD STAGNATION POINT FLOW AND HEAT TRANSFER PAST A STRETCHING/ SHRINKING SHEET WITH CHEMICAL REACTION AND TRANSPIRATION</p> <p><u>Kohilavani Naganthran</u> and Roslinda Nazar</p>	<p>ARFIMA VERSUS JRNN MODELS IN FORECASTING TURBIDITY OF STREAM FLOWS</p> <p><u>Augustine Davou Pwasong</u> and Saratha Sathasivam</p>
<p>1450 - 1505</p>	<p>ON CENTRAL EXTENSIONS OF LEIBNIZ ALGEBRAS</p> <p><u>Sharifah Kartini Said Husain</u>, Isamiddin Rakhimov and Nurnazhifa Ab. Rahman</p>	<p>OSTROVSKY EQUATION OF OCEANIC INTERNAL WAVES, WITH A BACKGROUND VARIABLE MEDIUM</p> <p><u>Azwani Alias</u></p>	<p>STABILITY INDEX FOR AN ATTRACTOR WITH RIDDLED BASIN IN COUPLED DYNAMICAL SYSTEMS</p> <p><u>Ummu 'Atiqah Mohd Roslan</u></p>	<p>EFFECT OF MAGNETIC FIELD IN POWER LAW FLUID WITH MASS TRANSFER</p> <p><u>Amira Husni Talib</u>, Ilyani Abdullah and Izzati Sabri</p>	<p>AN IMPROVED FLOWER POLLINATION ALGORITHM FOR FUNCTION OPTIMIZATION</p> <p><u>Ong Pauline</u>, Kok Meng Ong and Chee Kiong Sia</p>

SESI SELARI 3

27 SEPTEMBER 2016 | SELASA | 1505 - 1705

Sesi	3A	3B	3C
Tempat	Gamelan 3	Gamelan 4	Rebana 4
Masa	<i>Pengerusi Sesi:</i> <i>Dr. Nor Muhainiah</i>	<i>Pengerusi Sesi:</i> <i>Dr. Siti Ainor</i>	<i>Pengerusi Sesi:</i> <i>Dr. Nurul Sima</i>
1505 – 1520	<p>THE MULTIPLICATIVE DEGREE OF CYCLIC SUBGROUPS OF NONABELIAN METABELIAN GROUPS OF ORDER LESS THAN 24</p> <p><u>Nor Muhainiah Mohd Ali</u>, Norarida Abd Rhani, Nur Athirah Jaafar and Nurfarhani Mustafa</p>	<p>IMPLEMENTATION OF VARIABLE STEP VARIABLE ORDER BLOCK BACKWARD DIFFERENTIATION FORMULAE FOR SOLVING SECOND ORDER STIFF ODES</p> <p><u>Siti Ainor Mohd Yatim</u>, Zarina Bibi Ibrahim and Khairil Iskandar Othman</p>	<p>A ROBUST RIDGE REGRESSION APPROACH IN THE PRESENCE OF BOTH MULTICOLLINEARITY AND OUTLIERS IN THE DATA</p> <p><u>Nurul Sima Mohamad Shariff</u> and Nur Aqilah Ferdaos</p>
1520 - 1535	<p>RECENT CRYPTOGRAPHIC TECHNIQUES RESISTANCE TO QUANTUM COMPUTER</p> <p><u>Syiful Azman Muhammad</u> and Hailiza Kamarulhaili</p>	<p>INTERACTION OF TWO CRACKS PROBLEMS IN CIRCULAR POSITIONS IN PLANE ELASTICITY</p> <p><u>Rahimah Abdul Rafar</u>, N. M. A. Nik Long and N. Senu</p>	<p>FUNCTIONAL DATA ANALYSIS WITH APPLICATION TO TEMPERATURE SERIES</p> <p><u>Shariffah Suhaila Syed Jamaludin</u></p>
1535 – 1550	<p>NEW CLASS OF MEROMORPHIC HARMONIC FUNCTIONS WITH RESPECT TO SYMMETRIC POINTS</p> <p>Adnan Ghazy Alomoush and <u>Maslina Darus</u></p>	<p>FORECASTING THE MORTALITY RATES OF MALAYSIAN POPULATION USING HELIGMAN-POLLARD MODEL</p> <p><u>Rose Irnawaty Ibrahim</u>, Razak Mohd, Nuraini Ngataman and Wan Nur Azifah Wan Mohd Abrisam</p>	<p>THE ASSESSMENT OF THE PERFORMANCE OF COVARIANCE BASED STRUCTURAL EQUATION MODELING AND PARTIAL LEAST SQUARE PATH MODELING</p> <p><u>Ahmad Nazim Aimran</u>, Wan Mohamad Asyraf Wan Afthanorhan, Sabri Ahmad and Zainudin Awang</p>

<p>1550 - 1605</p>	<p>CENTROIDS AND DERIVATIONS OF LOW-DIMENSIONAL LEIBNIZ ALGEBRAS</p> <p><u>Nur Atikah Jalal</u>, Sharifah Kartini Said Husain, Mohamed Abu Bakar Hagi Mohamed Fiidow and Isamiddin Rakhimov</p>	<p>NEW 4(3) PAIR TWO DERIVATIVE RUNGE-KUTTA METHOD WITH FSAL PROPERTY FOR SOLVING FIRST ORDER INITIAL VALUE PROBLEMS</p> <p><u>Nur Amirah Ahmad</u> and Norazak Senu</p>	<p>MODELING COMMODITY SALAM CONTRACT BETWEEN TWO PARTIES FOR DISCRETE AND CONTINUOUS TIME SERIES</p> <p><u>Azie Farhani Badrol Hisham</u> and Maheran Mohd Jaffar</p>
<p>1605 – 1620</p>	<p>COEFFICIENT ESTIMATES FOR CERTAIN SUBCLASSES OF BI-UNIVALENT FUNCTIONS</p> <p><u>Rashidah Omar</u>, Suzeini Abdul Halim and Aini Janteng</p>	<p>A VERHULST MODEL FOR MICROALGAE BOTRYOCOCCUS SP GROWTH AND NUTRIENT REMOVAL IN WASTEWATER</p> <p><u>Siti Suhana Jamaian</u>, Noorhadila Mohd Bakeri and Norshuhaila Mohamed Sunar</p>	<p>A COMPARATIVE STUDY OF SLOPE FAILURE PREDICTION USING LOGISTIC REGRESSION, SUPPORT VECTOR MACHINE AND LEAST SQUARE SUPPORT VECTOR MACHINE MODELS</p> <p><u>Yi Zhou Lim</u>, Pei Shan Fam, Kunio Shimizu, Tomoaki Imoto, Habibah Lateh and Swee Peng Koay</p>
<p>1620 – 1635</p>	<p>THE RELATIVE COMMUTATIVITY DEGREE OF NONCYCLIC SUBGROUPS OF NONABELIAN METABELIAN GROUPS OF ORDER AT MOST 16</p> <p><u>Fadhilah Abu Bakar</u>, Normuhainiah Mohd Ali and Noraida Abd Rhani</p>	<p>DUFOUR AND SORET EFFECTS ON MAGNETOHYDRODYNAMIC (MHD) BOUNDARY LAYER SLIPS FLOW IN NANOFUIDS WITH MICROORGANISMS OVER A HEATED STRETCHING SHEET WITH TEMPERATURE-DEPENDENT VISCOSITY</p> <p><u>Ardiana Amirson</u>, Nur Hanani Mohd Salleh, Nur Amalina Abdul Latiff, Mohd Faisal Mohd Basir and Ahmad Izani Md Ismail</p>	<p>APPLICATION OF VECTOR AUTOREGRESSIVE MODEL FOR RAINFALL AND GROUNDWATER LEVEL ANALYSIS</p> <p><u>Yoke Keng Chai</u>, Pei Shan Fam, Kunio Shimizu, Tomoaki Imoto, Habibah Lateh and Swee Peng Koay</p>

<p>1635 – 1650</p>	<p>THE SUBSET RELATIVE DEGREE FOR TWO DIFFERENT SETS IN A GROUP AND THE RELATED GRAPHS</p> <p><u>Norarida Abd Rhani</u>, Dr Nor Muhainiah Mohd Ali, Nor Haniza Sarmin and Ahmad Erfanian</p>	<p>MHD BOUNDARY LAYER FLOW AND HEAT TRANSFER DUE TO AN EXPONENTIALLY SHRINKING SHEET WITH THERMAL RADIATION AND CHEMICAL REACTION</p> <p><u>Rohana Abdul Hamid</u> and Roslinda Nazar</p>	<p>MODELING WATER QUALITY PARAMETER OF RIVERS IN JOHOR</p> <p>Lih Chii Puah and <u>Haliza Abd Rahman</u></p>
<p>1650 - 1705</p>	<p>CHROMATIC UNIQUENESS OF $\Theta(3,3,b,c,c,c)$</p> <p><u>Nor Suriya Abd Karim</u> and <u>Roslan Hasni</u></p>	<p>PRODUCT'S SHIPPING INFORMATION USING UNDIRECTED TREE GRAPH APPROACH</p> <p><u>Yoong Kooikuan</u> and Ahmad Termimi Ab Ghani</p>	<p>MODELING MULTINOMIAL LOGISTIC REGRESSION FOR BACK PAIN ILLNESS AMONG PATIENTS IN THE RURAL AREAS OF KELANTAN</p> <p><u>Assif Shamim Mustaffa Sulaiman</u>, Zalila Ali, Norlida Mohd Nor, Adam Baharum and Wan Muhamad Amir W Ahmad</p>

SESI SELARI 4

28 SEPTEMBER 2016 | RABU | 1135 - 1250

Sesi	4A	4B	4C	4D	4E
Tempat	Gamelan 1	Gamelan 2	Gamelan 3	Gamelan 4	Rebana 4
Masa 1135 – 1150	<i>Pengerusi Sesi: PM Aionn</i>	<i>Pengerusi Sesi: PM Dr. Saratha</i>	<i>Pengerusi Sesi: Dr. Nurulkamal</i>	<i>Pengerusi Sesi: Dr. Nurul Farahain</i>	<i>Pengerusi Sesi: Dr. Nazirah</i>
	<p>DEVELOPING OPTIMAL NURSES WORKSCHEDULE USING INTEGER PROGRAMMING</p> <p>Noor Hizwan Mohamad Said, Mohd Syazwan Md Said, Noor Izatie Amalienna Sazali and <u>Aionn Mardhiyah Shahidin</u></p>	<p>DEDUCTION IN AGENT BASED MODELLING</p> <p><u>Saratha Sathasivam</u> and Muraly Velavan</p>	<p>MODELING THE PEAK-OVER-THRESHOLD EVENTS FOR THE UNHEALTHY AIR POLLUTION INDEX</p> <p><u>Nurulkamal Masseran</u></p>	<p>UNSTEADY BOUNDARY LAYER FLOW OVER A SPHERE IN A POROUS MEDIUM</p> <p><u>Nurul Farahain Mohammad,</u> Iskandar Waini and Abdul Rahman Mohd Kasim</p>	<p>THE ROBUSTNESS PROPERTIES OF DICE RANKING FUZZY NUMBERS</p> <p>Nazirah Ramli and Daud Mohamad</p>
1150 - 1205	<p>UNIVERSITY COURSE TIMETABLING AND THE REQUIREMENTS: SURVEY IN SEVERAL UNIVERSITIES IN THE EAST-COAST OF MALAYSIA</p> <p><u>Nurul Liyana Abdul Aziz</u> and Nur Aidya Hanum Aizam</p>	<p>APPROXIMATED SOLUTION FOR TRAPEZOIDAL FUZZY POLYNOMIAL EQUATION USING A LEARNING ALGORITHM OF FUZZY NEURAL NETWORK</p> <p><u>Nurhakimah Ab. Rahman,</u> Lazim Abdullah, Ahmad Termimi Ab Ghani and Noor'Ani Ahmad</p>	<p>THE HOUSEHOLD-BASED SOCIO-ECONOMIC INDEX IN SETIU WETLANDS, MALAYSIA</p> <p>Syerrina Zakaria, Nuzlinda Abdul Rahman and <u>Chin Sin May</u></p>	<p>A RIVULET OF A PERFECTLY WETTING FLUID WITH THERMOCAPILLARITY EFFECT</p> <p><u>Nurul Ainina Redwan</u> and Yazariah Mohd Yatim</p>	<p>A COMPARATIVE STUDY OF THE POINT IMPLICIT SCHEMES ON SOLVING THE 2D TIME FRACTIONAL CABLE EQUATION</p> <p><u>Alla Tareq Balasem</u> and Norhashidah Ali</p>

<p>1205 – 1220</p>	<p>OPTIMIZATION METHODS FOR ACTIVITIES SELECTION PROBLEM</p> <p><u>Nor Faradilah Mahad</u>, Suriana Alias, Siti Zulaika Yaakop, Norul Amanina Mohd Arshad and Elis Sofia Mazni</p>	<p>HYBRID GENETIC ALGORITHM IN THE HOPFIELD NETWORK FOR 2-MAXIMUM SATISFIABILITY PROBLEM</p> <p>Mohd Shareduwan Mohd Kasihmuiddin, Saratha Sathasivam and Mohd Asyraf Mansor</p>	<p>GRADING THE PROBABILITIES OF CREDIT DEFAULT RISK FOR MALAYSIAN LISTED COMPANIES BY USING THE KMV-MERTON MODEL</p> <p>Muhammad Hafidz Anuwar and Maheran Mohd Jaffar</p>	<p>MEASUREMENT AND UNIT CONVERSION ACROSS SUBJECTS: BUILDING A COMMON PLATFORM FOR STEM INTEGRATION RESEARCH IN MALAYSIA</p> <p>Muhammad Abd Hadi Bunyamin, Fred Finley, Corrienna Abd-Talib and Norulhuda Ismail</p>	<p>ROTATING FLOW AND HEAT TRANSFER DUE TO AN EXPONENTIALLY STRETCHING SURFACE WITH SUCTION IN A NANOFUID</p> <p><u>Siti Nur Alwani Salleh</u>, Norfifah Bachok and Norihan Md Arifin</p>
<p>1220 – 1235</p>	<p>A NEW MODIFIED THREE-TERM CONJUGATE GRADIENT METHOD WITH SUFFICIENT DESCENT PROPERTY AND ITS GLOBAL CONVERGENCE</p> <p><u>Bakhtawar Baluch</u>, Zabidin Salleh, Ahmad Alhawarat and Ummu 'Atiqah Mohd Roslan</p>	<p>S-SHAPED AND C-SHAPED TRANSITION CURVE USING CUBIC TRIGONOMETRIC BEZIER</p> <p><u>Md Yushalify Misro</u>, Ahmad Ramli and Jamaluddin Md Ali</p>	<p>A QUADRATIC REGRESSION MODELLING ON PADDY PRODUCTION IN THE AREA OF PERLIS</p> <p><u>Aizat Hanis Goh</u>, Zalila Ali, Norlida Mohd Noor, Adam Baharum and Wan Muhamad Amir Wan Ahmad</p>	<p>FUZZY LOGIC CONTROLLER FOR MOBILE ROBOT IN COASTAL AREA</p> <p>Zati Hanani Ismail, Nur Syibrah Muhamad Naim, Mohd Lazim Abdullah and Ahmad Faisal Mohamad Ayob</p>	<p>NUMERICAL SIMULATION OF A BIOMAGNETIC FLUID FLOW COUPLED WITH MASS TRANSFER IN A STENOSED ARTERY</p> <p><u>Nik Nabilah Nik Mohd Naser</u> and Ilyani Abdullah</p>

<p>1235 - 1250</p>	<p>EXTENSIVE NUMERICAL TESTS FOR A NEW CONJUGATE GRADIENT METHOD</p> <p>Rahma Mohamed, <u>Nur Aidya Hanum Aizam</u> and Shalela Mohd Mahali</p>	<p>MAXIMUM SPEED ESTIMATION USING PLANAR QUINTIC BÉZIER CURVE WITH C2 CONTINUITY</p> <p><u>Fakharuddin Ibrahim</u>, Md Yushalify Misro, Ahmad Ramli and Jamaluddin Ali</p>	<p>A WEIGHTED LEAST SQUARES ESTIMATION OF THE POLYNOMIAL REGRESSION MODEL ON PADDY PRODUCTION IN THE AREA OF KEDAH AND PERLIS</p> <p><u>Rosliza Musa</u>, Zalila Ali, Adam Baharum and Norlida Mohd Noor</p>	<p>EFFECTIVE QUADRATURE FORMULA FOR SOLVING LINEAR INTEGRO- DIFFERENTIAL EQUATIONS OF ORDER TWO</p> <p><u>Zainidin K. Eshkuvatov</u></p>	<p>BAYESIAN SPATIO- TEMPORAL HIERARCHICAL MODELLING IN LEUKAEMIA SURVIVAL DATA</p> <p><u>Chee Nian Lee</u> and Hong Choon Ong</p>
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SESI SELARI 5

28 SEPTEMBER 2016 | RABU | 1400 - 1550

Sesi	5A	5B	5C	5D	5E
Tempat	Gamelan 1	Gamelan 2	Gamelan 3	Gamelan 4	Rebana 4
Masa 1400 – 1420	<i>Pengerusi Sesi: Prof. Dr. Mohd Omar (PJ)</i>	<i>Pengerusi Sesi: Dr. Gee- Choon Lau (PJ)</i>	<i>Pengerusi Sesi: Prof. Dr. Mustafa (PJ)</i>	<i>Pengerusi Sesi: Dr.Sumarni</i>	<i>Pengerusi Sesi: Dr. Anath Rau Krishnan</i>
	AN INTEGRATED JUST-IN-TIME INVENTORY SYSTEM WITH STOCK- DEPENDENT DEMAND <u>M.Omar</u>	PRIME LABELING AND ITS VARIATIONS <u>Gee-Choon Lau</u>	PENGOPTIMUMAN TAK BERKEKANGAN: ISU DAN KAJIAN AKAN DATANG <u>Mustafa Mamat</u>	OPTIMAL SOLUTION FOR TRAVELLING SALESMAN PROBLEM WITH IMPRECISE ARC LENGTH <u>Sumarni Abu Bakar</u> and Milbah Ibrahim	EVALUATING THE EFFICIENCY OF A ZAKAT INSTITUTION OVER A PERIOD OF TIME USING DATA ENVELOPMENT ANALYSIS <u>Anath Rau Krishnan</u> and Ahmad Aizuddin Hamzah
1420 - 1435	3D CRANIOFACIAL RECONSTRUCTION USING BICUBIC RATIONAL BALL SURFACE Abdul Majeed, Abd Rahni Mt Piah and Johari Yap Abdullah	ORDERING OF Z-NUMBERS <u>Daud Mohamad,</u> Saidatull Akma Shaharani and Nor Hanimah Kamis Kamis	FORECASTING AND ANALYZING HIGH O3 TIME SERIES IN EDUCATIONAL AREA THROUGH AN IMPROVED CHAOTIC APPROACH <u>Nor Zila Abd Hamid,</u> Nur Hamiza Adenan and Mohd Salmi Md Noorani	RSA CRYPTOGRAPHY AND MULTI PRIME RSA CRYPTOGRAPHY <u>Nur Atiqah Abdul Sani</u> and Hailiza Kamarulhaili	ANALYSIS ON THE CRIME MODEL USING A DYNAMIC APPROACH <u>Fazliza Mohammad</u> and Ummu 'Atiqah Mohd Roslan

1435 – 1450	<p>PRICING FORWARD IN THE FINANCIAL MARKET WITH UNCERTAINTY</p> <p><u>Che Mohd Imran</u> <u>Che Taib</u></p>	<p>A COMPARISON ON FOUR DIMENSIONAL GLV METHOD AND ISD METHOD</p> <p><u>Siti Noor Farwina</u> <u>Mohamad Anwar Antony</u> and Hailiza Kamarulhaili</p>	<p>UNSTEADY FLOW OF THIN RIVULETS OF NEWTONIAN FLUID WITH STRONG-SURFACE TENSION EFFECTS</p> <p><u>Shazril Saridan</u> and Yazariah Mohd Yatim</p>	<p>A COMPARATIVE ANALYSIS BETWEEN FUZZY TOPSIS AND SIMPLIFIED FUZZY TOPSIS</p> <p>Daud Mohamad and <u>Sharifah Aniza Sayed Ahmad</u></p>	<p>MODELING OF EPILEPTIC SEIZURES USING THE VON MISES-FISHER DISTRIBUTION</p> <p><u>Vinod Ramachandran</u> and Tahir Ahmad</p>
1450 - 1505	<p>NUMERICAL STUDY: A POSTERIORI ERROR ESTIMATION OF H^1 MIXED FINITE ELEMENT METHOD FOR THE BENJAMIN-BONA-MAHONY EQUATION</p> <p><u>Sabarina Binti Shafie</u> and Thanh Tran</p>	<p>THE DYNAMICS PROPERTIES OF EVEN SHIFT SPACE</p> <p><u>Mohd Sabri Ismail</u> and Syahida Dzul-Kifli</p>	<p>APPLICATION OF THE VARIATIONAL ITERATION METHOD FOR SYSTEM OF INITIAL VALUE PROBLEMS DELAY DIFFERENTIAL EQUATIONS</p> <p><u>Hamood Mohammed Ahmed</u> and Ahmad Izani Ismail</p>	<p>THE ANALYTICAL SOLUTION FOR DRUG DELIVERY SYSTEM WITH NONHOMOGENEOUS MOVING BOUNDARY CONDITION</p> <p><u>Muhamad Hakimi Saudi</u>, Shalela Mohd Mahali and Fatimah Noor Harun</p>	<p>ANALYSIS ON TRAINING AND BOOTSTRAP ERROR EVALUATION WITH DIFFERENT PARAMETER VALUES FOR RADIAL BASIS FUNCTION ON NOISY DATA</p> <p><u>Nur Soffiah Sahubar Ali</u>, Ahmad Ramli and Nuzlinda Abdul Rahman</p>
1505 - 1520	<p>VARIABLE STEP BBDF-A FOR SOLVING ORDINARY DIFFERENTIAL EQUATIONS</p> <p><u>Iskandar Shah Mohd Zawawi</u> and <u>Zarina Bibi</u></p>	<p>TOPOLOGICAL NEARLY ENTROPY</p> <p><u>Zabidin Salleh</u> and Nur Syazwani</p>	<p>NICOTINE REPLACEMENT THERAPY DECISION BASED ON FUZZY MULTICRITERIA ANALYSIS</p> <p><u>Zamali Tarmudi</u>, Norfazillah Matmali and Lazim</p>	<p>ON THE FUSION OF TUNING PARAMETERS OF FUZZY RULES AND NEURAL NETWORK</p> <p><u>Mamman Mamuda</u> and Saratha Sathasivam</p>	<p>A NEW FAMILY OF POLAK-RIBIERE-POLYAK, PRP CONJUGATE GRADIENT METHOD WITH STRONG WOLFE LINE SEARCH</p> <p><u>Nur Hamizah Abdul Ghani</u>, Mustafa</p>

	Ibrahim	Gulamsarwar	Abdullah		Mamat and Mohd Rivaie Mohd Ali
1520 - 1535	<p>A NEW AGGREGATION OPERATOR BASED ON INTUITIONISTIC FUZZY CHOQUET INTEGRAL WITH RESPECT TO MAXIMIZED L-MEASURE AND DELTA-MEASURE</p> <p><u>Wan Rosanisah Wan Mohd</u> and Mohd Lazim Abdullah</p>	<p>STRONGLY STARLIKE FUNCTIONS ASSOCIATED WITH A NEW OPERATOR</p> <p><u>Yuzaimi Yunus</u>, Ajab Abarally and Suzeini Abd Halim</p>	<p>THE GLOBAL WEIGHTS OF COASTAL EROSION RISK FACTORS USING AHP METHOD: A CASE STUDY OF SETIU WETLANDS</p> <p><u>Nor Azzah Awang</u>, Ahmad Termimi Ab Ghani, Lazim Abdullah and Mohammad Fadhli Ahmad</p>	<p>INTELLIGENCE SYSTEM BASED CLASSIFICATION APPROACH FOR MEDICAL DISEASE DIAGNOSIS</p> <p><u>Abdu Masanawa Sagir</u> and Saratha Sathasivam</p>	<p>SUATU MODEL DAYA SOSIAL YANG DIUBAHSUAI UNTUK DINAMIK KERUMUNAN</p> <p><u>Ummi Nurmasiyah Hassan</u>, Zarita Zainuddin and Ibtesam M Abu-Sulyman</p>
1535 - 1550	<p>TRAVELLING-WAVE SIMILARITY SOLUTION FOR GRAVITY-DRIVEN RIVULET OF A NEWTONIAN FLUID WITH STRONG SURFACE-TENSION EFFECT</p> <p><u>Siti Sabariah Abas</u> and Yazariah Mohd Yatim</p>	<p>THE PROBABILITY THAT AN ELEMENT OF A METACYCLIC 5-GROUP FIXES A SET AND ITS ORBIT GRAPHS</p> <p><u>Siti Norziahidayu Amzee Zamri</u>, Nor Haniza Sarmin, Sanhan Muhammad Salih Khasraw and Sanaa Mohamed Saleh Omer</p>	<p>EXACT SOLUTIONS TO THE KDV-BURGERS EQUATION WITH FORCING TERM USING TANH-COTH METHOD</p> <p><u>Yusuf Buba Chukkol</u>, Mohd Nor Mohamad and Mukhiddin I. Muminov</p>	<p>THE EFFECT OF SLIP VELOCITY AND MULTIPLE CONVECTIVE BOUNDARY CONDITIONS IN A DARCIAN POROUS MEDIA WITH MICROORGANISM PAST A VERTICAL</p> <p>Elisa Yahya, <u>Nur Amalina Abdul Latiff</u>, Ahmad Izani Md. Ismail, Ardiana Amirsom and Faisal Basir</p>	<p>A THREE-TERM RMIL CG METHOD UNDER STRONG-WOLFE LINE SEARCH</p> <p><u>Wan Khadijah Wan Sulaiman</u>, Mohd Rivaie Mohd Ali and Mustafa Mamat</p>

SESI SELARI 6

28 SEPTEMBER 2016 | RABU | 1615 - 1730

Sesi	6A	6B	6C	6D	6E
Tempat	Gamelan 1	Gamelan 2	Gamelan 3	Gamelan 4	Rebana 4
Masa	<i>Pengerusi Sesi:</i> <i>En. Amir Syafiq</i>	<i>Pengerusi Sesi:</i> <i>Dr. Mat Salim</i>	<i>Pengerusi Sesi:</i> <i>Dr. Noor Ainny</i>	<i>Pengerusi Sesi:</i> <i>Cik Nur Syarafina</i>	<i>Pengerusi Sesi:</i> <i>Pn. Norshafira</i>
1615 – 1630	STABILITY ANALYSIS FOR A SYSTEM OF NONLINEAR ORDINARY DIFFERENTIAL EQUATIONS RELATED TO CONSTRUCTED WETLAND <u>Amir Syafiq Syamin</u> <u>Amir Hamzah</u> , Ali H. M. Murid and Mohd Razman Salim	NUMERICAL SOLUTION OF PAINLEV'E EQUATION I BY DAFTARDAR-GEJJI AND JAFARI METHOD <u>Mat Salim</u> <u>Selamat</u> , Busyra Latif, Nur Azlina Abd Aziz and Fatimah Yahya	DYNAMIC GRAPH OF AN OXY-COMBUSTION SYSTEM USING AN AUTOCATALYTIC SET MODEL <u>Noor Ainny</u> <u>Harish</u> and Sumarni Abu Bakar	A NEW NONLINEAR CONJUGATE GRADIENT COEFFICIENT UNDER STRONG WOLFE-POWELL LINE SEARCH <u>Nur Syarafina</u> <u>Mohamed</u> , Mustafa Mamat and Mohd Rivaie	SLIP EFFECTS ON MHD FLOW AND HEAT TRANSFER OF FERROFLUIDS OVER A MOVING FLAT PLATE <u>Norshafira</u> <u>Ramli</u> , Syakila Ahmad and Ioan Pop
1630 - 1645	PREDICTING THE SURVIVAL OF DIABETES USING NEURAL NETWORK <u>Mamman Mamuda</u> and Saratha Sathasivam	CONSISTENT FUZZY PREFERENCE RELATION AND ITS APPLICATION TO ACCESSING QUALITY OF LIFE AMONG POPULATION OF SETIU WETLANDS Lazim Abdullah and <u>Fatin Mimi</u> <u>Anira Alias</u>	MONOTONICITY PRESERVING USING RATIONAL CUBIC TIMMER INTERPOLATION <u>Wan Zafira Ezza</u> <u>Wan Zakaria</u> and Nur Safiyah Alimin	BOUNDARY CURVES EXTRACTION FOR SURFACE MODELLING USING PARTIAL DIFFERENTIAL EQUATIONS METHOD <u>Nur Baini Ismail</u> dan Norhayati Ahmat	NUMERICAL SOLUTION ON MIXED CONVECTION BOUNDARY LAYER FLOW OVER A HORIZONTAL CIRCULAR CYLINDER IN A JEFFREY FLUID BY USING KELLER-BOX METHOD <u>Syazwani Mohd</u> <u>Zokri</u> , Nur Syamilah Arifin, Muhammad Khairul Anuar

					Mohamed, Mohd Zuki Salleh, Abdul Rahman Mohd Kasim and Nurul Farahain Mohammad
1645 – 1700	<p>DESIGN OF MODIFIED ADAPTIVE NEURO FUZZY INFERENCE SYSTEM CLASSIFIER FOR MEDICAL DIAGNOSIS OF PIMA INDIANS DIABETES</p> <p><u>Abdu Masanawa Sagir</u> and Saratha Sathasivam</p>	<p>FUZZY TIME SERIES FORECASTING MODEL WITH NATURAL PARTITIONING APPROACH FOR PREDICTING THE UNEMPLOYMENT RATE</p> <p>Nazirah Ramli, <u>Siti Musleha Ab Mutalib</u> and Daud Mohamad</p>	<p>SPATIAL-TEMPORAL PRICING OF TEMPERATURE INSURANCE</p> <p>CHE MOHD IMRAN CHE TAIB AND MUKMINAH DARUS</p> <p>Che Mohd Imran Che Taib and <u>Mukminah Darus</u></p>	<p>DYNAMICAL BEHAVIOUR OF THE RANDOM FIELD ON THE PULSATING AND ERUPTING SOLITONS IN COMPLEX CUBIC-QUINTIC GINZBURG-LANDAU EQUATION</p> <p><u>Nurizatul Syarfinas Ahmad</u> Bakhtiar, Farah Aini Abdullah and Yahya Abu Hasan</p>	<p>STABILITY AND BIFURCATION FOR MARCHUK'S MODEL OF AN IMMUNE SYSTEM</p> <p><u>Ira Syazwani Mohamad Marzuki</u> and Ummu 'Atiqah Mohd Roslan</p>
1700 – 1715	<p>SOLVING INTEGRAL EQUATIONS WITH ADJOINT GENERALIZED NEUMANN KERNEL NUMERICALLY USING GLOBAL SIMPLER GMRES FOR NUMERICAL CONFORMAL MAPPING</p> <p><u>Khiy Wei Lee</u>, Ali Hassan Mohamed Murid and Ali Wahab Kareem Sangawi</p>	<p>SOLVING THE NONLINEAR SCHRÖDINGER EQUATION USING CUBIC B-SPLINE INTERPOLATION AND FINITE DIFFERENCE METHODS</p> <p><u>Azhar Ahmad, Amirah Azmi</u>, Nur Nadiah Abd Hamid and Ahmad Abd.</p>	<p>POSITIVITY PRESERVING USING RATIONAL CUBIC TIMMER INTERPOLATION</p> <p><u>Nur Safiyah Alimin</u> and Wan Zafira Ezza</p>	<p>NUMERICAL SOLUTION OF THE ALIGNED MAGNETIC FIELD WITH CONVECTIVE BOUNDARY CONDITIONS OVER A STRETCHING SHEET BY USING KELLER-BOX METHOD</p> <p><u>Nur Syamilah Arifin</u>, Syazwani Mohd Zokri, Laila Amera Aziz, Abdul</p>	<p>CURRENT ADVANCES ON POLYNOMIAL RESULTANT FORMULATIONS</p> <p><u>Surajo Sulaiman</u>, Nor'Aini Aris and Shamsatun Nahar Ahmad</p>

		Majid		Rahman Mohd Kasim, Mohd Zuki Salleh and Nurul Farahain Mohammad	
1715 - 1730	<p>FUZZY TOPOLOGICAL DIGITAL SPACE AND FUZZY SPLINE DIGITAL OF ELECTRO-ENCEPHALOGRAPHY DURING EPILEPTIC SEIZURES</p> <p><u>Mazlina Muzafar Shah</u> and Abdul Fatah Wahab</p>	<p>FEEDBACK CONTROL OF LINEAR TEMPERATURE PROFILE ON RAYLEIGH-BÉNARD-MARANGONI CONVECTION IN FERROFLUIDS</p> <p>Zailan Siri, <u>Adibah Nazarudin</u> and Rose Irnawaty Ibrahim</p>	<p>CONJUGATE NATURAL CONVECTION IN POROUS CAVITY WITH SINUSOIDAL BOUNDARY CONDITION USING LOCAL THERMAL NON-EQUILIBRIUM MODEL</p> <p><u>Ammar I. Alsabery,</u> Habibis Saleh and Ishak Hashim</p>	<p>IDENTIFYING DETERMINANTS OF MALAYSIA ISLAMIC BANK'S PROFITABILITY BY USING PANEL DATA ANALYSIS</p> <p>Rashidah Ismail and <u>Syazwani Alwi</u></p>	<p>DERIVATIVE ESTIMATION OF TRIANGULAR PATCH BY USING CUBIC LEAST SQUARE METHOD</p> <p><u>Noorehan Awang</u> and Rahmita Wirza O.K Rahmat</p>