

YEAR 2011

1. Publications

a. Total number of publications in citation-indexed journals including refereed proceedings

NO	AUTHORS	ARTICLE TITLE	JOURNAL TITLE	VOLUME	ISSUE	PAGES	IMPACT FACTOR	INDEXING	ISSN
1	M. J. Jeyanthi, Adem Kilicman , S. Pious Missier and P.Thangavelu	Ar -Sets and Separation Axioms	Malaysian Journal of Mathematical Sciences	5	1	45-60		Scopus	1823-8343
2	Rohana Abdul Hamid, Norihan Md Arifin , Roslinda Nazar and Fadzilah Md Ali	Radiation Effects on Marangoni Convection over a Flat Surface with Suction and Injection	Malaysian Journal of Mathematical Sciences	5	1	13-25		Scopus	1823-8343
3	R. A. Hamid, N. M. Arifin , R. Nazar, F. M. Ali, and I. Pop	Dual Solutions on thermosolutal marangoni forced convection boundary layer with suction and injection	Mathematical Problems in Engineering	2011	Article number 875754	19 pages	0.689	Scopus, ISI Thomson	1024-123X
4	N.F.M. Mokhtar, N.M. Arifin , R. Nazar, F. Ismail , M. Suleiman	Effect Of Heat Generation On The Onset Of Marangoni Convection In Superposed Layers Of Fluid And Saturated Porous Medium	International Journal of Pure and Applied Mathematics	67	4	387-405		Scopus	1311-8080
5	Brian Fisher and Adem Kilicman	On the Neutrix Composition of the Delta and Inverse Hyperbolic Sine Functions	Journal of Applied Mathematics	2011	Article ID 612353	12 pages	0.63	Scopus, ISI Thomson	1110-757X
6	Amin Saif and Adem Kilicman	On Certain Subclasses of Meromorphically p-Valent Functions Associated by the Linear Operator Dn	Journal of Inequalities and Applications	2011	Article ID 401913	16 pages	0.879	Scopus, ISI Thomson	1025-5834
7	Adem Kilicman , Cenap Ozel and Erol Yilmaz	Note On Some Identities of New Combinatorial Integers	Applied Mathematics & Information Sciences	5	3	445-458	0.642	ISI Thomson	1935-0090
8	Kilicman , A, Salleh, Z.	Product Properties For Pairwise Lindelöf Of Spaces	Bulletin of the Malaysian Mathematical Sciences Society	34	2	231-246	0.696	Scopus, ISI Thomson	0126-6705
9	Fakhreddin Abedi; Malik Abu Hassan ; Mohammed Suleiman	Feedback Stabilization And Adaptive Stabilization Of Stochastic Nonlinear Systems By The Control Lyapunov Function	Stochastics An International Journal of Probability and Stochastic Processes	83	2	179-201	0.369	Scopus, ISI Thomson	1744-2508
10	N. Senu , M. Suleiman , F. Ismail , and M. Othman	A Singly Diagonally Implicit Runge-Kutta-Nyström Method with Reduced Phase-lag	Proceedings Of The International Multiconference Of Engineers And Computer Scientists 2011 Vol II	2011	2	online		Scopus, Thomson Reuters ISI Proceedings	2078-0966
11	N. Senu , M. Suleiman , F. Ismail , and M. Othman	A Singly Diagonally Implicit Runge-Kutta-Nyström Method for Solving Oscillatory Problems	IAENG International Journal of Applied Mathematics	41	2	155-161		Scopus, Thomson Reuters ISI Proceedings	1992-9978
12	Ali Ashrafi, Azmi Jaafar , Lai Soon Lee , and Mohd Rizam Abu Bakar	An Enhanced Russell Measure of Super-Efficiency for Ranking Efficient Units in Data Envelopment Analysis	American Journal of Applied Sciences	8	1	92-96		Scopus	1546-9239
13	Mohd Rohaizat Abdul Wahab , Mohd Yunus Sharum, Muhamad Taufik Abdulllan, Mat Rofa Ismail	Cache Balancing with Proportionate Cutting Strategy	IEEE Symposium on Computers & Informatics	2011		526-529		Scopus	ISBN: 978-161284690-3
14	I.S. Rakhimov and S.K. Said Husain	On Isomorphism Classes and Invariants of a Subclass of Low-Dimensional Complex Filiform Leibniz Algebras	Linear & Multilinear Algebra	59	2	205-220	0.818	ISI Thomson	0308-1087

15	I.S. Rakhimov and S.K. Said Husain	Classification of a subclass of Low-Dimensional Complex Filiform Leibniz Algebras	Linear & Multilinear Algebra	59	3	339-354	0.818	ISI Thomson	0308-1087
16	Hazwani Moh Radzi, Zanariah Abdul Majid, Fudziah Ismail, Mohamed Suleiman	Four Step Implicit Block Method of Runge-Kutta Type for Solving First Order Ordinary Differential Equations	Proceeding of Fourth International Conference on Modeling, Simulation and Applied Optimization, ICMSAO'11	4		139-143		ISI Thomson	ISBN: 978-145770005-7
17	Hue Chi San, Zanariah Abdul Majid, Mohamed Othman	Solving Delay Differential Equations Using Coupled Block Method	Proceeding of Fourth International Conference on Modeling, Simulation and Applied Optimization, ICMSAO'11	4		238-241		ISI Thomson	ISBN: 978-145770005-7
18	Mahendran Shitan and Shelton Peiris	Time Series Properties of the Class of Generalized First-Order Autoregressive Processes with Moving Average Errors	Communications In Statistics-Theory And Methods	40	2011	2259-2275	0.351	ISI Thomson	0361-0926
19	Habshah Midi, Sohel Rana and Nur Afzan Mat Said	The Application of Two Stage Robust Weighted Least Squares and Robust Bootstrapping Procedure on Food Expenditure Data	International Journal of Applied Mathematics & Statistics	20	M11	25-37		Scopus	0973-1377
20	A.F.A. Abidin, O.Y.Chuan and M.R.K. Ariffin	A Novel Enhancement Technique of the Hill Cipher for Effective Cryptographic Purposes	Journal of Computer Science	7	5	785-789		Scopus	1549-3636
21	Bader Ahmad I. Aljawadi, Mohd Rizam A. Bakar, Noor A. Ibrahim	Non-parametric Estimation of Cure Fraction Using Right Censored Data	American Journal of Scientific Research	2011	14	79-87		Scopus	1450-223X
22	F. Kashanian, S. Nouri, S. Seddighi Chaharborj, A.B. Mohd Rizam	Distribution into the quadrupole mass filter with round rods	International Journal of Mass Spectrometry	303	2011	199–205	2.009	Scopus, ISI Thomson	1387-3806
23	Bader A.I. Aljawadi, Mohd Rizam A. Bakar, Noor Akma Ibrahim	Non-parametric maximum likelihood estimation of cure fraction for interval survival data	International Journal of Applied Mathematics and Statistics	21	J11	118-130		Scopus	0973-1377
24	Ahmed, A.O.M. , Ibrahim, N.A.	Bayesian survival estimator for Weibull distribution with censored data	Journal of Applied Sciences	11	2	393-396		Scopus	1812-5654
25	Bader Ahmad I. Aljawadi, Mohd Rizam A. Bakar, and Noor Akma Ibrahim	An Analytical Approach on Parametric Estimation of Cure Fraction Based on Weibull Distribution Using Interval Censored Data	Australian Journal of Basic and Applied Sciences	5	3	546-554		Scopus	1991-8178
26	Bachok, N. , Ishak, A., Pop, I.	Flow and heat transfer over a rotating porous disk in a nanofluid	Physica B: Condensed Matter	406	9	1767-1772	0.856	Scopus, ISI Thomson	0921-4526
27	Norfifah Bachok, Anuar Ishak and Ioan Pop	On the stagnation-point flow towards a stretching sheet with homogeneous–heterogeneous reactions effects	Communications in Nonlinear Science and Numerical Simulation	16	11	4296-4302	2.697	Scopus, ISI Thomson	1007-5704
28	Fahimeh Biglari, Malik Abu Hassan and Wah June Leong	New quasi-Newton methods via higher order tensor models	Journal of Computational and Applied Mathematics	235	8	2412-2422	1.029	Scopus, ISI Thomson	0377-0427
29	Abdumalik Rakhimov, Anvarjon Ahmedov and Hishamuddin Zainuddin	Localization Principle of the Spectral Expansions of Distributions Connected with Schrodinger Operator	Australian Journal of Basic and Applied Sciences	5	5	1-4		Scopus	1991-8178
30	Pradhan, A., Amirhashchi, H., Zainuddin, H.	A new class of inhomogeneous cosmological models with electromagnetic field in normal gauge for Lyra's manifold	International Journal of Theoretical Physics	50	1	56-69	0.67	Scopus, ISI Thomson	0020-7748

31	Pradhan, A., Amirhashchi, H., Zainuddin, H.	Exact solution of perfect fluid massive string cosmology in Bianchi type III space-time with decaying vacuum energy density	Astrophysics and Space Science	331	2011	679-687	1.437	Scopus, ISI Thomson	0004-640X
32	Shokripour, A., Othman, M., Ibrahim, H., Subramaniam, S.	A new method for job scheduling in a non-dedicated heterogeneous system	Procedia Computer Science	3	2011	271-275		Scopus	1877-0509
33	Amin Shokripour, Mohamed Othman, Hamidah Ibrahim, Shamala Subramaniam	A New Method for Scheduling Divisible Data on a Heterogeneous Two-Levels Hierarchical System	Procedia Computer Science	4	2011	2196-2205		Scopus	1877-0509
34	F M Ali, R Nazar, N M Arifin and I Pop	An MHD stagnation slip flow on a moving plate	Fluid Dynamics Research	43	1	Article number 015502	1.089	Scopus, ISI Thomson	0169-5983
35	Abedi, F., Hassan, M.A., Arifin, N.M.	Control Lyapunov Function for Feedback Stabilization of Affine in the Control Stochastic Time-Varying Systems	International Journal of Mathematical Analysis	5	1-4	175-188		Scopus	1312-8876
36	Fadzilah Md. Ali, Roslinda Nazar, Norihan Md. Arifin, Ioan Pop	MHD boundary layer flow and heat transfer over a stretching sheet with induced magnetic field	Heat and Mass Transfer	47	2	155-162	0.667	Scopus, ISI Thomson	0947-7411
37	Norihan Md. Arifin, Siti Suzilliana Putri Mohamed Isa, and Roslinda Nazar	Effect of Non-uniform Temperature and Magnetic Field on Convection Driven by Surface Tension and Buoyancy	Proceedings of the International MultiConference of Engineers and Computer Scientists 2001 Vol II	2		online		Scopus, Thomson Reuters ISI Proceedings	
38	Rohana Abdul Hamid, Norihan Md. Arifin, Roslinda Mohd Nazar, and Ioan Pop	Radiation effects on Marangoni boundary layer flow past a flat plate in nanofluid	Proceedings of the International MultiConference of Engineers and Computer Scientists 2001 Vol II	2		online		Scopus, Thomson Reuters ISI Proceedings	
39	Salleh, M.Z., Nazar, R., Arifin, N.M., Pop, I., Merkin, J.H.	Forced-convection heat transfer over a circular cylinder with Newtonian heating	Journal of Engineering Mathematics	69	1	101-110	0.799	Scopus, ISI Thomson	0022-0833
40	Ali, F.M., Nazar, R., Arifin, N.M., Pop, I.	MHD mixed convection boundary layer flow toward a stagnation point on a vertical surface with induced magnetic field	Journal Of Heat Transfer-Transactions Of The ASME	133	2	Article number 022502	0.94	Scopus, ISI Thomson	0022-1481
41	Ali, F.M., Nazar, R., Arifin, N.M., Pop, I.	MHD stagnation-point flow and heat transfer towards stretching sheet with induced magnetic field	Applied Mathematics And Mechanics-English Edition	32	4	409-418	0.393	Scopus, ISI Thomson	0253-4827
42	Leong, W.J., Hassan, M.A.	A new gradient method via least change secant update	International Journal of Computer Mathematics	88	4	816-828	0.489	Scopus, ISI Thomson	0020-7160
43	Leong, W.J., Hassan, M.A.	Positive-definite memoryless symmetric rank one method for large-scale unconstrained optimization	Pacific Journal of Optimization	7	1	29-41	0.392	Scopus, ISI Thomson	1348-9151
44	San, H.C., Majid, Z.A., Othman, M., Suleiman, M.	New technique of VSVO coupled block method for solving first order odes	Far East Journal of Mathematical Sciences	52	1	9-23		Scopus	0972-0871
45	Modarres, F., Malik, A.H., Leong, W.J.	Improved Hessian approximation with modified secant equations for symmetric rank-one method	Journal of Computational and Applied Mathematics	235	8	2423-2431	1.029	Scopus, ISI Thomson	0377-0427
46	Farid, M., Leong, W.J.	An improved multi-step gradient-type method for large scale optimization	Computers & Mathematics With Applications	6	11	3312-3318	1.472	Scopus	0898-1221

47	Provash Kumar Karmokar, and Mahendran Shitan	Panel Cointegration Analysis and Generalized Causality Test of Hyv Boro Production of Six Different Districts of Bangladesh	Pakistan Journal of Statistics	27	3	299-305	0.156	Scopus, ISI Thomson	1012-9367
48	A. Ashrafi, A. B. Jaafar, L. S. Lee, M. R. Abu Bakar	A Slacks-Based Measure of Efficiency in Two-Stage Data Envelopment Analysis	Int. Journal of Math. Analysis	5	29	1435 - 1444		Scopus	1312-8876
49	Ali Ashrafi, Azmi Bin Jaafar, Mohd Rizam Abu Bakar and Lai Soon Lee	The Efficiency Measurement of Parallel Production Systems: A Non-radial Data Envelopment Analysis Model	Journal of Computer Science	7	5	749-756		Scopus	1549-3636
50	Nik Mohd Asri Nik Long, Lee Feng Koo, and Zainidin K. Eshkuvatov	Computation of Energy Release Rates for a Nearly Circular Crack	Mathematical Problems in Engineering	2011	Article ID 741075	17 pages	0.689	Scopus, ISI Thomson	1024-123X
51	Eshkuvatov, Z.K., Nik Long, N.M.A.	Approximating the singular integrals of Cauchy type with weight function on the interval	Journal Of Computational And Applied Mathematics	235	16	4742-4753	1.029	Scopus, ISI Thomson	0377-0427
52	Eshkuvatov, Z.K., Ahmedov, A., Nik Long, N.M.A., Amalina, N.J.	Approximating Cauchy-type singular integral by an automatic quadrature scheme	Journal Of Computational And Applied Mathematics	235	16	4675-4686	1.029	Scopus, ISI Thomson	0377-0427
53	N.M.A. Nik Long and M. Yaghobifar	General analytical solution for stress intensity factor of a hypocycloid hole with many cusps in an infinite plate	Philosophical Magazine Letters	91	4	256-263	1.262	Scopus, ISI Thomson	0950-0839
54	M. A. Mohamed, M. R. Md Said, K. A. Mohd Atan & Z. Ahmad Zulkarnain	Shorter addition chain for smooth integers using decomposition method	International Journal of Computer Mathematics	88	11	2222-2232	0.489	Scopus, ISI Thomson	0020-7160
55	H.K. YAP, K.A. MOHD ATAN & S.H. SAPAR	Estimation of p-adic sizes of Common Zeros of Partial Derivatives Associated with a Cubic Form	Sains Malaysiana	40	8	921-926	0.152	Scopus, ISI Thomson	0126-6039
56	Elfaki, F.A.M., Daud, J., Azram, M., Daud, B.I., Ibrahim, N.A., Usman, M.	Statistical Process Control for failure crushing time data using competing risks model	Australian Journal of Basic and Applied Sciences	5	3	28-37		Scopus	1991-8178
57	Zanariah Abdul Majid & Mohamed Suleiman	Predictor-Corrector Block Iteration Method for Solving Ordinary Differential Equations	Sains Malaysiana	40	6	659-664	0.152	Scopus, ISI Thomson	0126-6039
58	H.M.Radzi, Z.A. Majid, F.Ismail and M.Suleiman	Solving Delay Differential Equations Using Variable Step Size One Step Block Method	Far East Journal of Mathematical Sciences	53	1	101-112		Scopus	0972-0871
59	Zanariah Abdul Majid, Phang Pei See and Mohamed Suleiman	Solving Directly two point Non Linear Boundary Value Problems Using Direct Adams Moulton Method	Journal of Mathematics and statistics	7	2	124-128		Scopus	1549-3644
60	N. Waeleh, Z. A. Majid, F. Ismail	A new algorithm for solving: Higher order IVPs of ODEs	Applied Mathematical Sciences	5	56	2795 - 2805		Scopus	1312-885X
61	Nazreen Waeleh, Zanariah Abdul Majid, Fudziah Ismail, Lee Lai Soon	A direct 4-point predictor-corrector block method for solving general third order ODEs	Proceeding of Fourth International Conference on Modeling, Simulation and Applied Optimization, ICMSAO'11	4		356-359		ISI Thomson	
62	Abdumalik Rakhimov	On the Regularizations Fourier Series of Distributions	Proceeding of Fourth International Conference on Modeling, Simulation and Applied Optimization, ICMSAO'11	4		1140-1144		ISI Thomson	

63	M.I. Adam, M.F.M. Aris, S.K. Chen and S.A. Halim	Simple Calculation of the Anisotropic Factor for Minimum Current Path in MgB ₂ Material Using the Extrapolated Kramer field as priori Parameter	Sains Malaysiana	40	8	913-919	0.152	Scopus, ISI Thomson	0126-6039
64	Anvarjon Ahmedov	The estimations for maximal operators	Applied Mathematics Letters	24	2011	615-619	1.155	Scopus, ISI Thomson	0893-9659
65	Shabbak, A., Midi, H., Hassan, M.N.	The Performance of Robust Multivariate Statistical Control Charts Based on Different Cutoff-point with Sustained Shift in Mean	Journal of Applied Sciences	11	1	56-65		Scopus	1546-9239
66	Sarkar, K., Midi, H., Rana, S.	Detection of outliers and influential observations in binary Logistic regression: An empirical study	Journal of Applied Sciences	11	1	26-35		Scopus	1546-9239
67	Long, N.M.A.N., Yaghobifar, M., Eshkuvatov, Z.K.	Stress analysis in a half plane elasticity	International Journal of Applied Mathematics and Statistics	20	M11	79-85		Scopus	0973-1377
68	Mohammadi, M., Midi, H., Arasan, J., Al-Talib, B.	High breakdown estimators to robustify phase II multivariate control charts	Journal of Applied Sciences	11	3	503-511		Scopus	1546-9239
69	Habshah Midi , S.K. Sarkar and Sohel Rana	Adequacy of Multinomial Logit Model with Nominal Responses over Binary Logit Model	Trends in Applied Sciences Research	6	8	900-909		Scopus	1819-3579
70	Ng Kooi Huat and Habshah Midi	Change point detection with robust control chart	Mathematical Problems in Engineering	2011	Article ID 275686	20 pages	0.689	Scopus, ISI Thomson	1024-123X
71	Habshah Midi and Ashkan Shabbak	Robust Multivariate Control Charts to Detect Small Shifts in Mean	Mathematical Problems in Engineering	2011	Article ID 923463	19 pages	0.689	Scopus, ISI Thomson	1024-123X
72	Ng Kooi Huat and Habshah Midi	The Performance of Robust Control Chart for Change in Variance	Trends in Applied Sciences Research	6	10	1172-1184		Scopus	1819-3579
73	Alireza Bahiraie, A.K.M. Azhar, and Noor Akma Ibrahim	A New Dynamic Geometric Approach for Empirical Analysis of Financial Ratios and Bankruptcy	Journal of Industrial and Management Optimization	7	4	947-965	0.638	Scopus, ISI Thomson	1547-5816
74	F.M.Ali, R.Nazar, N.M. Arifin, I.Pop	Effect of Hall Current on MHD Mixed Convection Boundary Layer Flow Over a Stretched Vertical Flat Plate	Meccanica	46	2011	1103-1112	1.056	Scopus, ISI Thomson	0025-6455
75	N.M.Arifin , R. Nazar, I.Pop	Non-isobaric Marangoni Boudary layer Flow for Cu, Al ₂ O ₃ and TiO ₂ Nanoparticles in a Water Based Fluid	Meccanica	46	2011	833-843	1.056	Scopus, ISI Thomson	0025-6455
76	F.M.Ali, R.Nazar, N.M. Arifin, I.Pop	Unsteady Shrinking Sheet with Mass Transfer in a Rotating Fluid	International Journal for Numerical Methods in Fluids	66	2011	1465-1474	1.058	Scopus, ISI Thomson	0271-2091
77	Yap Lee Ken, Fudziah Ismail, Zanariah Majid and Mohamed Othman	Parallel Implementation of Explicit 2 and 3-Point Block Method for Solving System of Special Second Order ODEs Directly	Malaysian Journal of Mathematical Sciences	5	2	143-160		Scopus	1823-8343
78	Mohd Zuki Salleh, Roslinda Nazar, Norihan Md Arifin and Ioan Pop	Numerical Solutions of Forced Convection Boundary Layer Flow on a Horizontal Circular Cylinder with Newtonian Heating	Malaysian Journal of Mathematical Sciences	5	2	161-184		Scopus	1823-8343

79	Ravshan Ashurov and Anvarjon Ahmedov	On the Divergence of Spectral Expansions of Elliptic Differential Operators	Malaysian Journal of Mathematical Sciences	5	2	185-196		Scopus	1823-8343
80	Adem Kilicman and Brian Fisher	An Introduction to Neutrix Composition of Distributions and Delta Function	Malaysian Journal of Mathematical Sciences	5	2	197-209		Scopus	1823-8343
81	Mohammed Waziri Yusuf, Leong Wah June and Malik Abu Hassan	Jacobian-Free Diagonal Newton's Method for Solving Nonlinear Systems with Singular Jacobian	Malaysian Journal of Mathematical Sciences	5	2	241-255		Scopus	1823-8343
82	Abasalt Bodaghi	Module Amenability of the Projective Module Tensor Product	Malaysian Journal of Mathematical Sciences	5	2	257-265		Scopus	1823-8343
83	Bakri Yahaya, Rohaya Latip, Mohamed Othman, and Azizol Abdullah	Dynamic Load Balancing Policy in Grid Computing with Multi-Agent System Integration	Communications in Computer and Information Science	179	1	416-424		Scopus	1865-0929
84	Mien May Chong and Rohaya Binti Latip	Splitting Strategies for Video Images Processing in Medical Data Grid	Communications in Computer and Information Science	179	1	709-722		Scopus	1865-0929
85	Rohaya Latip and Zulkhairi Idris	Highest Response Ratio Next (HRRN) vs First Come First Served (FCFS) Scheduling Algorithm in Grid Environment	Software Engineering and Computer Systems	180	6	688-693		Scopus	
86	Isamiddin S. Rakhimov and Munther A. Hassan	On Low-Dimensional Filiform Leibniz Algebras and Their Invariants	Bulletin of the Malaysian Mathematical Sciences Society	34	3	475-485	0.696	Scopus, ISI Thomson	0126-6705
87	M. Abdulkawi, Z.K. Eshkuvatov and N.M.A. Nik Long	Half-bounded Numerical Solution of Singular Integral Equations with Cauchy Kernel	Journal of Mathematics and Statistics	7	1	81-85		Scopus	1549-3644
88	M. Abdulkawi, Z.K. Eshkuvatov and N.M.A. Nik Long	A Note on the Numerical Solution for Fredholm Integral Equation of the Second Kind with Cauchy kernel	Journal of Mathematics and Statistics	7	1	68-72		Scopus	1549-3644
89	Mahiub, M.A., Long, N.M.A.N., Eshkuvatov, Z.K.	Numerical solution of hypersingular integral equations	International Journal of Pure and Applied Mathematics	69	3	265-274		Scopus	1311-8080
90	Arifin, N.M., Nazar, R., Pop, I.	Non-Isobaric Marangoni boundary layer flow for Cu, Al ₂ O ₃ and TiO ₂ nanoparticles in a water based fluid	Meccanica	46	4	833-843	1.056	Scopus, ISI Thomson	0025-6455
91	Amirhashchi, H., Zainuddin, H., Pradhan, A.	Magnetized Bianchi Type III String Universe with Time Decaying Vacuum Energy Density Λ	International Journal of Theoretical Physics	50	8	2531-2545	0.67	Scopus, ISI Thomson	0020-7748
92	Mohamed Bin Suleiman, Zarina Bibi Binti Ibrahim, and Ahmad Fadly Nurullah Bin Rasedee	Solution of Higher-Order ODEs Using Backward Difference Method	Mathematical Problems in Engineering	Volume 2011	Article ID 810324	18 pages	0.689	Scopus, ISI Thomson	1024-123X
93	Nadia M. G. Al-Saidi, Mohamad Rushdan Md. Said and Adil M. Ahmed	About Fuzzy Fixed Point Theorem In The Generalized Fuzzy Fractal Space	Far East Journal of Mathematical Sciences	53	1	53-64		Scopus	0972-0871
94	Leong, W.J., Hassan, M.A.	Scaled memoryless symmetric rank one method for large-scale optimization	Applied Mathematics and Computation	218	2011	413-418	1.534	Scopus, ISI Thomson	0096-3003

95	Farzin Modarres, Malik Abu Hassan and Wah June Leong	Structured symmetric rank-one method for unconstrained optimization	International Journal of Computer Mathematics	88	12	2608–2617	0.489	ISI Thomson	0020-7160
96	Fateh Allahabi, G.I. Ibragimov	An Evasion Differential Game Described By An Infinite System Of 2-Systems Of Second Order	International Journal of Pure and Applied Mathematics	70	4	491-501		Scopus	1311-8080
97	Gafurjan I. Ibragimov, Abdulla. A. Azamov, Marzieh Khakestari	Solution Of A Linear Pursuit-Evasion Game With Integral Constraints	Anziam Journal	52	E	E59-E75	0.414	ISI Thomson	1446-1811
98	Provash Kumar Karmokar, Mahendran Shitan and A.B.M. Rabiul Alam Beg	Multicointegration Analysis on the High Yielding Boro Rice of Six Selected Districts in Bangladesh	African Journal of Agricultural Research	6	19	4654-4660	0.263	ISI Thomson	1991-637X
99	Alireza Bahiraie, Noor Akma Ibrahim, and A.K.M. Azhar	Genetic Programming Approach for Testing Credit Risk Box Method	Scientific Research and Essays	6	17	3584-3594	0.445	ISI Thomson	1992-2248
100	S. A. M. Yatim, Z. B. Ibrahim, K. I. Othman, and M. B. Suleiman	A Quantitative Comparison of Numerical Method for Solving Stiff Ordinary Differential Equations	Mathematical Problems in Engineering	2011		Article ID 193691	0.689	ISI Thomson	1024-123X
101	Nadia M.G. AL-Saidi, Mohamad Rushdan Md. Said and Adil Mahmood Ahmed	Efficiency Analysis for Public Key Systems Based on Fractal Functions	Journal of Computer Science	7	4	526-532		Scopus	1549-3636
102	Anuar Ishak, Roslinda Nazar, Norihan M. Arifin, Fadzilah M. Ali & Ioan Pop	MHD Stagnation-Point Flow towards a Stretching Sheet with Prescribed Surface Heat Flux	Sains Malaysiana	40	10	1193–1199	0.152	ISI Thomson	0126-6039
103	Wah J. Leong, Malik A. Hassan, Muhammad W. Yusuf	A matrix-free quasi-Newton method for solving large-scale nonlinear systems	Computers & Mathematics With Applications	62	5	2364-2363	1.472	Scopus, ISI Thomson	0898-1221
104	Isamiddin S. Rakhimov, Munther A. Hassan	On Isomorphism Criteria For Leibniz Central Extensions Of A Linear Deformation Of Mn	International Journal of Algebra and Computation	21	5	715–729	0.537	ISI Thomson	0218-1967
105	I. S. Rakhimov and Al-Nashri Al-Hossain	On derivations of low-dimensional complex leibniz algebras	JP Journal of Algebra, Number Theory and Applications	21	1	69-81		Scopus, ISI Thomson	0972-5555
106	Amin Saif and Adem Kılıçman	On lower separation and regularity axioms in fuzzy topological spaces	Advances in Fuzzy Systems	2011	Article ID 941982	6 pages		Scopus	1687-7101
107	A. Kilic, Man, H. Eltayeb And K. A. M. Atan	A Note On The Comparison Between Laplace And Sumudu Transforms	Bulletin of the Iranian Mathematical Society	37	1	131-141	0.302	ISI Thomson	1735-8515
108	Che Haziqah Che Hussin and Adem Kilic, man	On the Solutions of Nonlinear Higher-Order Boundary Value Problems by Using Differential Transformation Method and Adomian Decomposition Method	Mathematical Problems in Engineering	2011	Article ID 724927	19 pages	0.689	ISI Thomson	1024-123X
109	Adem Kılıçman, Hassan Eltayeb	On Finite Products Of Convolutions And Classifications Of Hyperbolic And Elliptic Equations	Mathematical and Computer Modelling	54	9-10	2211-2219	1.066	Scopus, ISI Thomson	0895-7177
110	Kilicman, A., Subramaniam, M.	Effects of foreign share markets on the Malaysian share market	European Journal of Scientific Research	53	4	615-625		Scopus	1450-216X

111	Ekrem Savaş and Adem Kılıçman	A Note on Some Strongly Sequence Spaces	Abstract and Applied Analysis	2011	Article ID 598393	8 pages	1.442	Scopus, ISI Thomson	1085-3375
112	Brian Fisher and Adem Kılıçman	On The Composition And Neutrix Composition Of The Delta Function With The Hyperbolic Tangent And Its Inverse Functions	Journal of Applied Mathematics	2011	Article ID 846736	13 pages	0.63	Scopus, ISI Thomson	1110-757X
113	Kılıçman, A., Eltayeb, H.	Note on the wave equation and tensor products	Applied Mathematics and Computation	218	3	871-877	1.536	Scopus, ISI Thomson	0096-3003
114	Abdumalik Rakhimov	On the localization of the Riesz means of multiple Fourier series of distributions	Abstract and Applied Analysis	2011	Article ID 731249	8 pages	1.442	ISI Thomson	1085-3375
115	Roslinda Nazar , Mihaela Jaradat, Norihan M. Arifin, Ioan Pop	Stagnation-point flow past a shrinking sheet in a nanofluid	Central European Journal of Physics	9	5	1195-1202	0.696	ISI Thomson	1895-1082
116	N. M. Mokhtar, N. M. Arifin, R. Nazar, F. Ismail and M. Suleiman	Effect of internal heat generation on Marangoni convection in a superposed fluid-porous layer with deformable free surface	International Journal of the Physical Sciences	6	23	5550-5563	0.54	ISI Thomson	1992-1950
117	Norihan Md. Arifin, Roslinda Nazar & Ioan Pop	Viscous Flow Due to a Permeable Stretching/Shrinking Sheet in a Nanofluid	Sains Malaysiana	40	11	1297-1300	0.152	ISI Thomson	0126-6039
118	N. Bachok, A. Ishak, I.Pop	MHD Flow and Heat Transfer Near the Stagnation Point on a Stretching/Shrinking Sheet in a Micropolar Fluid	Magnetohydrodynamics	47	3	237-247	0.404	ISI Thomson	0024-998X
119	Letchumanan, M., Tarmizi, R.A.	E-book utilization among mathematics students of Universiti Putra Malaysia (UPM)	Library Hi Tech	29	1	109-121		Scopus	0737-8831
120	Letchumanan, M., Tarmizi, R.A.	Assessing the intention to use e-book among engineering undergraduates in Universiti Putra Malaysia, Malaysia	Library Hi Tech	29	3	512-528		Scopus	0737-8831
121	Ja'afaru, A.B., Ibragimov, G.I.	Differential games described by infinite system of differential equations of second order. the case of negative coefficients	International Journal of Pure and Applied Mathematics	70	7	927-938		Scopus	1311-8080
122	N.M.A. Nik Long, L.F. Koo and Z.K. Eshkuvatov	Numerical solutions for a nearly circular crack with developing cusps under shear loading	Acta Mechanica Solida Sinica	24	5	439-449	0.543	ISI Thomson	0894-9166
123	Ali Ashrafi, A.B. Jaafar, L.S. Lee and M.R. Abu Bakar	Efficiency Decomposition for Two-process Production System with Shared Inputs in Data Envelopment Analysis	Applied Mathematical Sciences	5	52	2593-2602		Scopus	1312-885X
124	Nadia M.G. AL-Saidi and Mohamad Rushdan Md. Said	On the Security of Digital Signature Protocol Based on Iterated Function Systems	International Journal of Mathematical Analysis	5	29	1399-1410		Scopus	1312-8876
125	Ashrafi, A., Lee, L.S., Jaafar, A.B.	A non-radial super-efficiency model for ranking decision making units in DEA	2011 4th International Conference on Modeling, Simulation and Applied Optimization, ICMSAO 2011			Article number 5775586		Scopus	ISBN: 978-145770005-7
126	Malekmohammadi, N., Lotfi, F.H. , Jaafar, A.B.	Target setting in data envelopment analysis using MOLP	Applied Mathematical Modelling	35	1	328-338	1.371	Scopus, ISI Thomson	0307-904X

127	Malekmohammadi, N., Lotfi, F.H. , Jaafar, A.B.	Data envelopment scenario analysis with imprecise data	Central European Journal of Operations Research	19	1	65-79	0.429	Scopus, ISI Thomson	1435-246X
128	Aljawadi, B.A.I. , Bakar, M.R.A. , Ibrahim, N.A. , Midi, H.	Parametric estimation of the immunes proportion based on bch model and exponential distribution using left censored data	Journal of Applied Sciences	11	15	2861-2865		Scopus	1812-5654
129	Aljawadi, B.A.I., Bakar, M.R.A., Ibrahim, N.A., Midi, H.	Parametric estimation of the cure fraction based on BCH model using left-censored data with covariates	Modern Applied Science	5	3	103-110		Scopus	1913-1844
130	Bagheri, A., Midi, H.	On the performance of Robust Variance Inflation Factors	International Journal of Agricultural and Statistical Sciences	7	1	31-45	0.035	Scopus, ISI Thomson	0973-1903
131	Moudi, M., Othman, M.	A challenge for routing algorithms in optical multistage interconnection networks	Journal of Computer Science	7	11	1685-1690		Scopus	1549-3636
132	Ahmad, I., Subramaniam, S., Othman, M. , Zulkarnain, Z.	A discrete event simulation framework for utility accrual scheduling algorithm in uniprocessor environment	Journal of Computer Science	7	8	1133-1140		Scopus	1549-3636
133	Patwary, Md.A.K., Othman, M.	Fast adaptive motion estimation for H.264	International Conference on Multimedia Technology, ICMT 2011	2011	Article number 6001817	6330-6333		Scopus	ISBN: 978-161284774-0
134	Mehdizadeh, A., Hashim, F., Abdullah, R.S.A.R., Ali, B.Mohd., Othman, M.	Quality-improved and secure multicast delivery method in mobile IPv6 networks	Proceedings - IEEE Symposium on Computers and Communications	2011	Article number 5983893	538-543		Scopus	1530-1346
135	Othman, M. , Lun, K.Y. , Ahmad, F.Bt.D. , Ibrahim, H.	Static range multiple selection algorithm for peer-to-peer system	IMECS 2011 - International MultiConference of Engineers and Computer Scientists 2011	1	2011	610-613		Scopus	ISBN: 978-988182103-4
136	Qureshi, B., Othman, M. , Sabraminiam, S., Wati, N.A.	QTCP: An optimized and improved congestion control algorithm of high-speed TCP networks	Communications in Computer and Information Science	179 CCIS	PART 1	56-67		Scopus	1865-0929
137	Barjini, H., Othman, M. , Ibrahim, H.	QuickFlood: An efficient search algorithm for unstructured peer-to-peer networks	Communications in Computer and Information Science	136 CCIS	2011	82-92		Scopus	1865-0929
138	Saif, A., Othman, M. , Subramaniam, S., Abdul Hamid, N.A.W.	Frame aggregation in wireless networks: Techniques and issues	IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)	28	4	336-350	0.37	Scopus, ISI Thomson	0256-4602
139	Sani, Y., Othman, M.	A provision-aware fair bandwidth distribution marker algorithm for DiffServ networks	Journal of Network and Computer Applications	34	2	715-721	0.66	Scopus, ISI Thomson	1084-8045
140	Saif, A., Othman, M.	Network load and packet loss optimization during handoff using multi-scan approach	International Arab Journal of Information Technology	8	1		0.065	Scopus, ISI Thomson	1683-3198
141	Rakhimov, I.S., Hassan, M.A.	On one-dimensional leibniz central extensions of a filiform lie algebra	Bulletin of the Australian Mathematical Society	84	2	205-224	0.392	Scopus, ISI Thomson	0004-9727
142	Noor Akma Ibrahim , Suliadi Suliadi	Generating correlated discrete ordinal data using R and SAS IML	Computer Methods and Programs in Biomedicine	104	3	e122-e132	1.238	Scopus, ISI Thomson	0169-2607
143	Amirhashchi, H., Pradhan, A., Zainuddin, H.	An Interacting and Non-interacting Two-Fluid Dark Energy Models in FRW Universe with Time Dependent Deceleration Parameter	International Journal of Theoretical Physics	50	11	3529-3543	0.67	Scopus, ISI Thomson	0020-7748

144	Abedi, F., Hassan, M.A., Suleiman, M.	Adaptive stabilization and control stochastic time-varying systems	Applied Mathematical Sciences	5	21-24	1117-1130		Scopus	1312-885X
145	Ishak, F., Suleiman, M.B., Majid, Z.A. , Othman, K.I.	Development of variable stepsize variable order block method in divided difference form for the numerical solution of delay differential equations	Proceedings of World Academy of Science, Engineering and Technology	77	May 2011	258-263		Scopus	2010-376X
146	Bakar, N.A., Monsi, M., Hassan, M.A., Leong, W.J.	On the modification of the p-RF method for inclusion of a zero of a function	Applied Mathematical Sciences	5	49-52	2571-2579		Scopus	1312-885X
147	Shabbak, A., Midi, H. , Hassan, M.N.	The performance of robust multivariate statistical control charts based on different cutoff-points with sustained shift in mean	Journal of Applied Sciences	11	1	56-65		Scopus	1812-5654
148	Ali, S.H.S., Azmanuddin, N.S., Ali, W.Z.W., Ayub, A.F.M., Adullah, R.	Collaboration technology for distance learners: A needs analysis	7th International Conference on Information Technology in Asia: Emerging Convergences and Singularity of Forms - Proceedings of CITA'11			Article number 5999511		Scopus	ISBN: 978-161284130-4
149	Ali, F.M., Nazar, R., Arifin, N.M. , Pop, I.	Unsteady flow and heat transfer past an axisymmetric permeable shrinking sheet with radiation effect	International Journal for Numerical Methods in Fluids	67	10	1310-1320	1.06	Scopus, ISI Thomson	0271-2091
150	Kiai, S.M.S., Chaharborj, S.S., Bakar, M.R.A., Fudziah, I.	Effect of damping force on CIT and QIT ion traps supplied with a periodic impulse voltage form	Journal of Analytical Atomic Spectrometry	26	11	2247-2256	4.372	Scopus, ISI Thomson	0267-9477
151	Modarres, F., Hassan, M.A., Leong, W.J.	A symmetric rank-one method based on extra updating techniques for unconstrained optimization	Computers and Mathematics with Applications	62	1	392-400	1.472	Scopus, ISI Thomson	0898-1221
152	Waeleh, N., Majid, Z.A., Ismail, F. , Soon, L.L.	A direct 4-point predictor-corrector block method for solving general third order ODEs	4th International Conference on Modeling, Simulation and Applied Optimization, ICMSAO 2011	Article number 5775503				Scopus	ISBN: 978-145770005-7
153	Ariffin, S., Mahmud, R., Jaafar, A., Ariffin, M.R.K.	Immune systems approaches for cryptographic algorithm	Proceedings - 2011 6th International Conference on Bio-Inspired Computing: Theories and Applications, BIC-TA 2011	Article number 6046904		231-235		Scopus	ISBN: 978-076954514-1
154	Jahanfar, S., Lye, M.-S., Krishnarajah, I.S.	The heritability of premenstrual syndrome	Twin Research and Human Genetics	14	5	433-436	1.583	Scopus, ISI Thomson	1832-4274
155	Arasan, J. , Ehsani, S.	Modeling repairable system failures with repair effect and time dependent covariates	IAENG International Journal of Applied Mathematics	41	3	218-222		Scopus	1992-9978
156	Abasalt Bodaghi, Idham Arif Alias and Mohammad Hossein Ghahramani	Approximately cubic functional equations and cubic multipliers	Journal of Inequalities and Applications	53			0.879	ISI Thomson	1025-5834
157	Habshah Midi , Arezoo Bagheri & A.H.M. Rahmatullah Imon	A Monte Carlo Simulation Study on High Leverage Collinearity-Enhancing Observation and its Effect on Multicollinearity Pattern	Sains Malaysiana	40	12	1437-1447	0.152	ISI Thomson	0126-6039
158	Norihan Md. Arifin , Roslinda Nazar & Ioan Pop	Viscous Flow Due to a Permeable Stretching/Shrinking Sheet in a Nanofluid	Sains Malaysiana	40	12	1359-1367	0.152	ISI Thomson	0126-6039
159	Idham Arif Alias	A Description of an Automorphism of a Non-Split Metacyclic p-Group	Pertanika Journal of Science and Technology	19	1	109-116		Scopus	0128-7680

160	M. A. Jusoh, Z. Abbas , J. Hassan, B. Z. Azmi, and A. F. Ahmad	A Simple Procedure to Determine Complex Permittivity of Moist Materials Using Standard Commercial Coaxial Sensor	Measurement Science Review	11	1	19-22	0.4	ISI Thomson	1335-8871
161	Faranak Rabiei, Fudziah Ismail	Fifth Order Improved Runge-Kutta Method for Solving Ordinary Differential Equations	Proceedings of the 7th WSEAS International Conference on Remote Sensing (REMOTE '11)			129-133		Scopus	ISBN: 978-1-61804-039-8
162	Habshah Midi , Mohd Shafie Mustafa, Anwar Fitrianto	A Robust Optimum Response Surface Methodology based On MM-Estimator	Proceedings of the 7th WSEAS International Conference on Remote Sensing (REMOTE '11)			166-171		Scopus	ISBN: 978-1-61804-039-8
163	Lim Hock Ann, Habshah Midi	The Effect of High Leverage Points on the Robust Autocorrelation Test in Multiple Linear Regression	Proceedings of the 7th WSEAS International Conference on Remote Sensing (REMOTE '11)			185-188		Scopus	ISBN: 978-1-61804-039-8
164	Provash Kumar Karmokar and Mahendran Shitan	Co-integration Analysis on All-Variety Boro Rice Yields	Scientific Research and Essays	6	29	6209-6213	0.445	ISI Thomson	1992-2248
165	Abasalt Bodaghi, Idham Arif Alias , Madjid Eshaghi Gordji	On the Stability of Quadratic Double Centralizers and Quadratic Multipliers: A Fixed Point Approach	Journal of Inequalities and Applications	2011	Article ID 957541	9 pages	0.879	Scopus, ISI Thomson	1025-5834
166	Kiliçman, A. , Eltayeb, H.	Note on the wave equation and tensor products	Applied Mathematics and Computation	218	3	871-877	1.536	Scopus, ISI Thomson	0096-3003
167	Md. Anowar Hossain & Rohani Ahmad Tarmizi	Cognitive and Affect Outcomes of group Learning Among Secondary Learners in Bangladesh	Procedia - Social and Behavioral Sciences	28	2011	845-850		Scopus	1877-0428
168	Fitrianto, A., Midi, H.	Procedures of generating a true clean data in simple mediation analysis	World Applied Sciences Journal	15	7	1046-1053		Scopus	1818-4952
169	Hassan Eltayeb, Adem Kiliçman , and Ravi P. Agarwal	On Integral Transforms and Matrix Functions	Abstract and Applied Analysis	2011	Article ID 207930	15 pages	1.442	ISI Thomson	1085-3375
170	Yusuf Waziri, M. Leong, W.J. , Abu Hassan , M. Monsi , M.	A low memory solver for integral equations of Chandrasekhar type in the radiative transfer problems	Mathematical Problems in Engineering	2011	2011	Article number 467017	0.689	Scopus, ISI Thomson	1024-123X
171	Nadia M.G. AL-Saidi and Mohamad Rushdan Md. Said	A New Idea In Zero Knowledge Protocols Based On Iterated Function Systems	World Applied Sciences Journal	15	3	364-371		Scopus	1818-4952
TOTAL							72.15		

b. Total number of publications in non-citation-indexed journals

NO	AUTHORS	ARTICLE TITLE	JOURNAL TITLE	VOLUME	ISSUE	PAGES	INDEXING	ISSN
1	Mohammad Alkhatib, Azmi B. Jaafar and Qasem Abu Al-Haija'	Choices On Designing GF (P) Elliptic Curve Coprocessor Benefiting From Mapping Homogeneous Curves In Parallel Multiplications	International Journal on Computer Science and Engineering (IJCSE)	3	2	467-480	Monterey Bay Library, Cornell University Library, DOAJ, Scopus	e-ISSN : 0975-3397 Print ISSN : 2229-5631
2	Thulasyammal Ramiah Pillai, Mahendran Shitan	Application of Garma (1,1;1,δ) Model to GDP in Malaysia: An Illustrative Example	Journal of Global Business and Economics	3	1	138-145	EBSCO Publishing Company, Open Library, Econ Papers	ISSN: 977-2180-3625
3	Velo Suthar, Habshah Bt. Midi , Naeem A. Qureshi	Logistic Regression Analysis of Employment Behavior Data Using Randomized Response Technique	US-China Education Review	8	1	25-32	Database of EBSCO, Massachusetts, USA, Chinese Database of CEPS, American	ISSN : 1548-6613
4	Hamideh Pourtaherian, Isamidin S. Rakhimov , Siti Hasana Sapar	On Hilbert Property of Rings	International Journal of Algebra	5	7	301-308	Mathematical Reviews (USA), Current Mathematical Publications (USA), Zentralblatt fur Mathematik	ISSN 1312-8868

5	Siti Nor Habibah Hassan, Mahendran Shitan and Mohd Aizuddin Mohd Yusoff	Time Series Modelling and Forecasting of Malaysia's Export Values	Terengganu International Finance and Economics Journal	1	2	10-14		
6	M. Yaghubifar, N. M. A. Nik Long, Z. K. Eshkuvatov	Analytical-Approximate Solution of Abel Integral Equations	International Mathematical Forum	6	5	211 - 221	Mathematical Reviews (USA), Current Mathematical Publications (USA), Zentralblatt fur Mathematik	ISSN 1312-7594
7	Hue Chi San, Zanariah Abdul Majid, Mohamed Othman & Mohamed Suleiman	New Computational Method for Solving Ordinary Differential Equations (Kaedah Pengiraan Baharu bagi Menyelesaikan Persamaan Pembezaan Biasa)	Journal of Quality Measurement and Analysis	7	1	85-96	MyAIS, Google Scholar	1823-5670
8	Nik Mohd Asri Nik Long, Koo Lee Feng & Eshkuvatov Zainidin K.	Antiplane Shear Mode Stress Intensity Factor for a Slightly Perturbed Circular Crack Subject to Shear Load (Faktor Keamatan Regangan Mod Ricih Anti-Satah untuk Retakan Bulat Sedikit Terusik Tertakluk kepada Beban Ricih)	Journal of Quality Measurement and Analysis	7	1	97-107	MyAIS, Google Scholar	1823-5670
9	Anvarjon Ahmedov, Norashikin Abdul Aziz & Mohd Noriznan Mohtar	On Convergence Almost Everywhere of Multiple Fourier Integrals (Mengenai Penumpuan Hampir di Mana-mana bagi Kamiran Fourier Berganda)	Journal of Quality Measurement and Analysis	7	1	109-115	MyAIS, Google Scholar	1823-5670
10	Mahdi Ebrahimzadeh, Noor Akma Ibrahim, Abdul Aziz Jemain, Adem Kilicman	Credibility models with dependence induced by common effects and their applications in bank branch performance prediction	Journal for International Business and Entrepreneurship Development	5	4	339 - 350	Academic OneFile (Gale), Business and Company Resource Center (Gale), Expanded Academic ASAP	ISSN (Online): 1747-6763 - ISSN (Print): 1549-9324
11	Zarina Bibi Ibrahim, Mohamed Suleiman, Nor Ain Azeany Mohd Nasir, Khairil Iskandar Othman	Convergence of the 2-Point Block Backward Differentiation Formulas	Applied Mathematical Sciences	5	70	3473-3480	Mathematical Reviews (USA), Current Mathematical Publications (USA), Zentralblatt fur Mathematik	ISSN 1312-885X
12	Rohana Abdul Hamid, Norihan Md. Arifin, Roslinda Nazar, Fadzilah Md. Ali	Effects of Joule Heating and Viscous Dissipation on MHD Marangoni Convection Boundary Layer Flow	Journal of Science and Technology	3	1	67-77		
13	Mohammad Alkhatib, Azmi Jaafar, Zuriati Zukarnain, Mohammad Rushdan MD. SAID	Effects of Joule Heating and Viscous Dissipation on MHD Marangoni Convection Boundary Layer Flow	International Journal on Computer Science and Engineering (IJCE)	3	4	1697-1712	Monterey Bay Library, Cornell University Library, DOAJ, Dowling	e-ISSN : 0975-3397 Print ISSN : 2229-5631
14	M.R.K. Ariffin M.A. Asbullah, N.A.Abu	The Diophantine Equation Discrete Log Problem, Matrix Decomposition Problem and the AA _β -Cryptosystem	arXiv:1103.4433	March 2011				
15	Phang Pei See, Zanariah Abdul Majid & Mohamed Suleiman	Solving Nonlinear Two Point Boundary Value Problem Using Two Step Direct Method (Menyelesaikan Masalah Nilai Sempadan Dua Titik Tak Linear Menggunakan Kaedah Langsung Dua	Journal of Quality Measurement and Analysis	7	1	129-140	MyAIS, Google Scholar	1823-5670
16	Adem Kilicman and Anwar Jabor Fawakhreh	Product Property on Generalized Lindelöf Spaces	ISRN Mathematical Analysis	2011	Article ID 843480	7 pages	Airiti Library, Directory of Open Access Journals (DOAJ) EBSCO Discovery Service,	

17	Noor A.Ibrahim and Suliadi	GEE-Smoothing Spline Approach on Semiparametric Models for Correlated Nominal Data: Estimation and Simulation Study	Computers and Simulation in Modern Science	5		92-101		
18	Norhazlina Abd. Hamid, Ahmad Fauzi Mohd Ayub dan Norhasni Z.A.	Penggunaan Facebook di Kalangan Pelajar Lelaki dan Perempuan pada Sekolah Menengah di Zon Pelating Jaya Selatan	Eksplanasi Media Komunikasi Ilmiah Kopertis wilayah VI	6	1	46-58		1907-381X
19	Norliza Ibrahim, Wong Su Luan & Ahmad Fauzi Mohd Ayub	Sikap Terhadap Komputer di Kalangan Pelajar ICT Tingkatan Empat	Jurnal Teknologi Pendidikan Malaysia	1	1	15-29		
20	Azamov A., Ibragimov G.I. , Axmedov O., Fudziah Ismail	On the Proof of Existence of a Limit Cycle for the Prigogine Brusselator Model	Journal of Mathematics Research	3	4	93-98	AMICUS, Bibliography and Index of Geology, Canadiana, DOAJ, EBSCOhost, Google Scholar, Library and	1916-9795
21	Marzieh Khakestari, Mohamed bin Suleiman	An Application of Pontryagin's Maximum Principle in a Linear Quadratic Differential Game	Journal of Mathematics Research	3	2	145-150	AMICUS, Bibliography and Index of Geology, Canadiana, DOAJ, EBSCOhost, Google Scholar, Library and	1916-9795
22	Mas Nida Md. Khambari, Wong Su Luan & Ahmad Fauzi Mohd Ayub	Teachers' Concerns of Laptop Ownership from the Malaysia Laptop Initiative	Malaysian Journal of Educational Technology	11	1	15-24		1675-0292
23	Habsah Ismail, Mat Rofa Ismail	Plato's Mathematical Forms: An Islamic Critique	British Journal of Humanities and Social Sciences	1	2	111-120	EBSCO, SSRN, DOAJ, Ulrich, Cabell's	2048-1268
TOTAL		23						

c. Total number of chapters in books

NO	AUTHORS	CHAPTER TITLE	BOOK TITLE	BOOK EDITOR	PAGES	PUBLISHER	COUNTRY
1	Mohamad Roslan Mohamad Kasim, Mahmood Arabkhedri, Lai Food See and Noor Akma Ibrahim	Adaptive Cluster Sampling approach for Water Sampling	Contemporary Environmental Quality Management in Malaysia and Selected Countries	Mohamad Pauzi Zakaria, Mohd Ibrahim Ibrahim, Mohamed, Sutariji Kasmin	43-64	UPM	Malaysia
2	Noor Akma Ibrahim and Suliadi Arema	Gee-Smoothing Spline Approach on Semiparametric Models for Correlated Nominal Data: Estimation and Simulation Study	Computers and Simulation in Modern Science	Nikos Matorakis, Metin Demiralp, Valeri M. Mladenov, Azami Zaharim	92-101	WSEAS Press	Greece
3	M.R.K. Ariffin , M.S.M.Noorani	Mathematical Treatment for Constructing a countermeasure Against the One-Time Pad Attack on the Baptista Type Cryptosystem	Chaos Synchronization and Cryptography for Secure Communications : Applications for Encryption	Santo Banerjee	463-475	Information Science Reference	USA
TOTAL:		3					

d. Other publications - conference proceedings

NO	AUTHORS	PAPER TITLE	PAGES	CONFERENCE NAME	VENUE	DATE
1	Sharifah Kartini Said Husain , Fatanah Deraman, Isamiddin S. Rakhimov	Description of a Subclass of Filiform Leibniz Algebras in Dimension 9	A2-1 - A2-5	International Conference on Numerical Analysis and Optimization	Yogyakarta, Indonesia	6-8 June 2011

2	N. M. Zahari, S. H. Sapar, K. A. Mohd Atan	On the Diophantine Equation $x^3 + y^3 = kz^8$	NA1-1 - NA1-4	International Conference on Numerical Analysis and Optimization	Yogyakarta, Indonesia	6-8 June 2011
3	J. Sulaiman, M.K. Hasan, M. Othman, & S. A. Abdul Karim	Egmsor Iterative Methods for the Solution of Nonlinear Second-Order Two-Point Boundary Value Problems	NA3-1 - NA3-6	International Conference on Numerical Analysis and Optimization	Yogyakarta, Indonesia	6-8 June 2011
4	Norazak Senu, Mohamed Suleiman, Fudziah Ismail, Mohamed Othman	Analysis of Phase-Lag for Diagonally Implicit runge-Kutta-Nyström Methods	NA5-1 - NA5-8	International Conference on Numerical Analysis and Optimization	Yogyakarta, Indonesia	6-8 June 2011
5	Norifah Bachok, Anuar Ishak, Roslinda Nazar	The Effects of Suction and Injection on the Stagnation-Point Flow over a Stretching/Shrinking Cylinder	NA6-1 - NA6-7	International Conference on Numerical Analysis and Optimization	Yogyakarta, Indonesia	6-8 June 2011
6	Puspa Liza Ghazali, Ismail bin Mohd, Mustafa Mamat and Wan Muhammad Amir Wan Ahmad	Integration Model in Premium Life Table of Education Plan Takaful	IP3-1 - IP3-15	International Conference on Numerical Analysis and Optimization	Yogyakarta, Indonesia	6-8 June 2011
7	Akram Shavkatovich Hasanov, Ahmad Zubaidi Baharumshah, Mahendran Shitan, Zainidin Karimovich Eshkuvatov	Exchange Rate Risk and Trade Flows: A gravity Equation Approach	1784-1795	2nd International Conference on Business and Economic Research (2nd)	Holiday Villa Beach Resort and Spa, Langkawi	14-16 March 2011
8	Thulasyammal Ramiah Pillai, Mahendran Shitan	An Illustration of Modelling Gross Domestic Product of Malaysia Using Garma (1,1;1,δ) Model	1876-1882	2nd International Conference on Business and Economic Research (2nd)	Holiday Villa Beach Resort and Spa, Langkawi	14-16 March 2011
9	Mina Mahbub Hossain, Mehdi Rajeb, Mahendran Shitan	Forecasting the Market Capital of Dhaka Stock Exchange in Bangladesh: A Comparative Study of Garch and Arma Models	2731-2744	2nd International Conference on Business and Economic Research (2nd)	Holiday Villa Beach Resort and Spa, Langkawi	14-16 March 2011
10	Mina Mahbub Hossain, Mehdi Rajeb, Mahendran Shitan	Time Series Analysis of the General Index of Dhaka Stock Exchange in Bangladesh: A Comparative Study of Garch and Arima Models	2756-2769	2nd International Conference on Business and Economic Research (2nd)	Holiday Villa Beach Resort and Spa, Langkawi	14-16 March 2011
11	Eow Yee Leng, Wan Zah Wan Ali, Rosnani Mahmud, Roselan Baki	Educating Students of the 21st Century : Teachers as Opportunities Providers	169-181	Seminar Majlis Dekan-Dekan Pendidikan IPTA2011	Fakulti Pengajian Pendidikan, Universiti Putra	27-28 September 2011
12	Zanariah Abdul Majid, Nazreen Waeleh, Fudziah Ismail and Mohamed Suleiman	Solving General Fourth Order ODEs Directly Using Four Point Block Method	95	International Conference on Applied Analysis and Algebra	Istanbul, Turkey	29 June - 2 July 2011
13	Asmawati Suhid, Lukman Abdul Mutalib, Kamariah Abu Bakar dan Muhd. Fauzi Muhammad	Pelaksanaan Modelj-qaf di Sekolah : Satu Tinjauan Umum	862-876	Seminar Majlis Dekan-Dekan Pendidikan IPTA2011	Fakulti Pengajian Pendidikan, Universiti Putra	27-28 September 2011
14	Idham Arif Alias	A Study on a Mapping of a Metacyclic p-group into itself	23-24	Proceedings of the First Biennial International Group Theory Conference 2011	UTM, Johor Bahru, Malaysia	14-18 Februari 2011
15	Rohaya Latip and Adam Malik Sahar	Enhanced Simple Fair Execution Time Estimation (ESFETE) Scheduling Algorithm For Grid Scheduler	149-158	IADIS International Conferences Informatics 2011, Wireless	Rome, Italy	20 - 22 JULY 2011
16	Hue Chi San, Zanariah Abdul Majid and Mohamed Othman	Solving Delay Differential Equations Using Coupled Block Method	71	Fourth International Conference on Modeling Simulation and	Kuala Lumpur, Malaysia	19-21 April 2011
17	A. Ashrafi, L.S. Lee and A.B. Jaafar	A Non-Radial Super-efficiency Model for Ranking Decision Making Units in DEA	112	Fourth International Conference on Modeling Simulation and	Kuala Lumpur, Malaysia	19-21 April 2011

18	M.Y Waziri, W.J. Leong, M.A. Hassan and M.Monsi	Two-Step Diagonal Newton Method for Large-Scale System of Nonlinear Equations	113	Fourth International Conference on Modeling Simulation and	Kuala Lumpur, Malaysia	19-21 April 2011
19	Abdumalik Rakhimov	On the Regularizations Fourier Series of Distributions	123	Fourth International Conference on Modeling Simulation and	Kuala Lumpur, Malaysia	19-21 April 2011
20	Nazreen Waeleh, Zanariah Abdul Majid, Fudziah Ismail and Lee Lai Soon	A Direct 4-Point Predictor -Corrector Block Method for Solving General Third Order ODEs	143	Fourth International Conference on Modeling Simulation and	Kuala Lumpur, Malaysia	19-21 April 2011
21	Hazwani Mohd Radzi, Zanariah Abdul Majid, Fudziah Ismail and Mohamed Suleiman	Four Step Implicit Block Method of Runge-Kutta Type for Solving First Order Ordinary Differential Equations	157	Fourth International Conference on Modeling Simulation and	Kuala Lumpur, Malaysia	19-21 April 2011
22	Fudziah Ismail , Faieza Samat, Mohamed Suleiman and Norihan Md. Arifin	Seventh Order Explicit Hybrid Method for Solving Second Order Ordinary Differential Equations	24-27	International Training-Seminar on Mathematics (ITSM 2011)	Samarkand State University, Uzbekistan	3-5 June 2011
23	Fuziyah Ishak, Mohamed Suleiman	Solving Delay Differential Equations by Using Parallel Techniques	28-30	International Training-Seminar on Mathematics (ITSM 2011)	Samarkand State University, Uzbekistan	3-5 June 2011
24	Gafurjan Ibragimov , Risman Mat Hasim	A Differential Game Described by An Infinite System of Differential Equations	30-32	International Training-Seminar on Mathematics (ITSM 2011)	Samarkand State University, Uzbekistan	3-5 June 2011
25	Habsah Ismail, Mat Rofa Ismail	Plato's Mathematical Forms : An Islamic Critique	32-33	International Training-Seminar on Mathematics (ITSM 2011)	Samarkand State University, Uzbekistan	3-5 June 2011
26	Mat Rofa Ismail	Islamic Epistemology of education : Integration of Intellect and Values in Mathematical Science	47-47	International Training-Seminar on Mathematics (ITSM 2011)	Samarkand State University, Uzbekistan	3-5 June 2011
27	Mohamed Othman , Ammar Mohammed Al-Jubari	TCP with Adaptive Delayed ACK Strategy in Multi-hop wireless Networks	48-51	International Training-Seminar on Mathematics (ITSM 2011)	Samarkand State University, Uzbekistan	3-5 June 2011
28	Mohamed Othman , Shukrat Rakhimov	Implementation of a Parallel Modified Explicit Group Accelerated Over-Relaxation Algorithm on Distributed Memory Architecture	52-55	International Training-Seminar on Mathematics (ITSM 2011)	Samarkand State University, Uzbekistan	3-5 June 2011
29	Noor Akma Ibrahim and Azzah Mohammad Alharpy	Generalized Log-Rank Test for Partly Interval-Censored Failure Time data via Multiple Imputation	58-60	International Training-Seminar on Mathematics (ITSM 2011)	Samarkand State University, Uzbekistan	3-5 June 2011
30	Zainidin Eshkuvatov, N.M.A. Nik Long, S. Bahramov	Romberg Method for the Product Integral on The Infinite Interval	75-78	International Training-Seminar on Mathematics (ITSM 2011)	Samarkand State University, Uzbekistan	3-5 June 2011
31	Khaldjigitov A.A., Adambaev U., N.M.A. Nik Long	On Existence and Uniqueness of the Solution of Plasticity Problems for Transversely Isotropic Materials	139-141	International Training-Seminar on Mathematics (ITSM 2011)	Samarkand State University, Uzbekistan	3-5 June 2011
32	Rakhimov A.A.	Localization of Spectral expansions	189-191	International Training-Seminar on Mathematics (ITSM 2011)	Samarkand State University, Uzbekistan	3-5 June 2011
33	Nor Sakinah Mohamad, Wan Zah Wan Ali	Sistem Pengajaran dan Pembelajaran Matematik Guru di Sekolah Menengah daripada Perspektif Teknologi Prestasi Manusia	960-977	Seminar Majlis Dekan-Dekan Pendidikan IPTA2011	Fakulti Pengajian Pendidikan, Universiti Putra	27-28 September 2011

34	Noorhidayah Ismail, Wan Zah Wan Ali, Ahmad Fauzi Mohd Ayub	Pembangunan Perisian Multimedia bagi Mata Pelajaran Kemahiran Hidup Bersepadu Tingkatan Dua bagi Topik Unjuran Ortografik	423-431	Seminar Majlis Dekan-Dekan Pendidikan IPTA2011	Fakulti Pengajian Pendidikan, Universiti Putra	27-28 September 2011
35	Zuraina Ali, Jayakaran Mukundan, Ahmad Fauzi Mohd Ayub , Roselan Baki	The Preferences and Difficulties of Using Tell me More (TMM) Among English as a Second Language (ESL) Undergraduates in Learning English Vocabulary	922-931	Seminar Majlis Dekan-Dekan Pendidikan IPTA2011	Fakulti Pengajian Pendidikan, Universiti Putra	27-28 September 2011
36	Wan Hamzari Wan Hamid, Ahmad Fauzi Mohd Ayub , Mokhtar Hj. Nawawi	Hubungan Antara Masa Penggunaan Internet dengan Pengurusan Masa dan Pretasi Akademik dalam Kalangan Pelajar Sains Sosial	1192-1202	Seminar Majlis Dekan-Dekan Pendidikan IPTA2011	Fakulti Pengajian Pendidikan, Universiti Putra	27-28 September 2011
37	Su Luan Wong, Norliza Ibrahim and Ahmad Fauzi Mohd Ayub	Exploring the Relationship Between Learning Strategies and Computer Attitudes Among Malaysian Secondary School Students	292-296	2011 International Conference on Humanities, Society and Proceedings of the 5th International Malaysian Educational	Kuala Lumpur	4-6 November 2011
38	Zuraina, A., Mukundan, J., Ahmad Fauzi, M.A. , Roselan, B.	The use of Tell Me More (TMM) in Learning Vocabulary Among ESL Students	118-127		Kuantan, Pahang, Malaysia	16-19 October 2011
TOTAL:		38				

e. Other publications that have created an impact to government/society/policy (abstracts, articles in magazines, newsletters, etc. but not including unpublished reports)

NO	AUTHORS	PAPER TITLE	PAGES	TYPE OF PUBLICATION*	VOL./ISS.
1	Provash Kumar Karmokar and Mahendran Shitan	Impact of Outliers in the HYV Boro Rice Production Data for Rangpur District of Bangladesh	371-372	Fundamental Science Congress 2011	2011
2	Zanariah Abdul Majid , Phang Pei See and Mohamed Suleiman	Implementation of Direct Method of Adams Moulton Type for Solving Boundary Value Problem	389-390	Fundamental Science Congress 2011	2011
3	Chew Khui Tat, Zanariah Abdul Majid, Norazak Senu and Mohamed Suleiman	Solving Linear Two-Point Boundary Value Problem Using Direct Adams Moulton Method	395-396	Fundamental Science Congress 2011	2011
4	Nur Zahidah Mukhtar, Zanariah Abdul Majid, Fudziah Ismail and Mohamed Suleiman	Four Point One-Step Method for Solving Second Order Ordinary Differential Equations Directly	38	Programs & Abstracts The 5th International Conference on	2011
5	Phang Pei See, Zanariah Abdul Majid and Mohamed Suleiman	On the Solution of Two Point Boundary Value Problems with Two Point Direct method	39	Programs & Abstracts The 5th International Conference on	2011
6	Siti Nor Ain Rusly and S.A Halim , M. Hashim	Structure and Magnetic Properties of BiFeO ₃ Ceramic at different Calcinations and Sintering Tempertaures	239-240	Fundamental Science Congress 2011	2011
7	Farizah Absarudin, Zulkify Abbas , Jumiah Hassan, Mohamad Aliff Ismail and Nor Zakiah Yahya	Relationship Between S-Parameter of Insulated Monopole Antenna and Moisture Content of Hevea Rubber Latex	241-242	Fundamental Science Congress 2011	2011
8	Mahmudur Rahman, Rifki Muhida, Hishamuddin Zainuddin , Azmi bin Zakaria and sazzad Hossein Chowdhury	Influence of magnetic Materials on the Dissociative Adsorption of Oxygen - a Theoretical study	249-250	Fundamental Science Congress 2011	2011
9	Mohamad Faiz Zainuddin and Zulkify Abbas	Theoretical Analysis of a Monopole Antenna as a Dielectric Measurement Probe	251-252	Fundamental Science Congress 2011	2011
10	Azila Aziz, Jumiah hassan, Kaida Khalid and Zulkify Abbas	Comparison of MET and CET for the Determination of Quantity and Quality of Essential Oil form Lemongrass	255-256	Fundamental Science Congress 2011	2011

11	Chin Hui Wei, Lim Kean Pah, Abdul Halim Shaari , Chen Soo Kien, Tan Siau Hang and Albert Gan	Effect of Co ₃ O ₄ and Al ₂ O ₃ Addition on the Electric and Magnetoresistive Properties of Pr _{0.67} Ba _{0.33} MnO ₃ System	281-282	Fundamental Science Congress 2011	2011
12	Chin Hui Wei, Lim Kean Pah, Abdul Halim Shaari , Chen Soo Kien, Tan Siau Hang and Albert Gan	Synthesis of A Very Low RF Energy Loss Yttrium Iron Garnet (Y ₃ Fe ₅ O ₁₂)	287-288	Fundamental Science Congress 2011	2011
13	Z.A. Talib, J.Y.C. Liew, W.M.M. Yunus, Z, Zainal, S.A. Halim and M.M. Moksini	Scattering Mechanism Study of Tin Selenide (SnSe) Nanoparticles	305-306	Fundamental Science Congress 2011	2011
14	Z.A. Talib, J.Y.C. Liew, W.M.M. Yunus, Z, Zainal, S.A. Halim and M.M. Moksini	Effect of SnCl ₂ Concentration on Synthesizing Tin Selenide (snSe) Nanoparticles	307-308	Fundamental Science Congress 2011	2011
15	Chang Sen Choung, Abdul Halim Shaari , Zainal Abidin Talib, Lim Kean Pah and Pan Kai Yap	Structure and Magnetoresistance Effect of Pr _{1-x} CaxMnO ₃ (x=0.3, 0.4, 0.5) Polycrystalline	315-316	Fundamental Science Congress 2011	2011
16	Kim Lee Tan, Sin Ying Ang, Kwee Yong Tan, Kean Pah Lim, Abdul Halim Shaari and Soo Kien Chen	The Effects of Manganese Substitution on the Phase Formation and Microstructure of MgB ₂	317-318	Fundamental Science Congress 2011	2011
17	Tan Kwee Yong, Lim Sin Yee, Tan Kim Lee, Abdul Halim Shaari , Lim Kean Pah and Chen soo Kien	Carbon Incorporation in Mg(B _{1-x} C _x) ₂ Superconductor Using Pure Carbon and B ₄ C Precursor	319-320	Fundamental Science Congress 2011	2011
18	M. Navasery, S.A. Halim , K.P. Lim, S.k. Chen, A.S. Roslan and N. Soltani	Study of structure and Electrical Transport Properties of REBa ₂ Cu ₃ O _{7-x} (RE is Y, Gd and Nd) Superconductors	319-320	Fundamental Science Congress 2011	2011
19	Wan Nurul Ain Wan Shaaidi, Mohd Kamarulzaman Mansor, Lim Kean Pah, Khamirul Amin Matori, Abdul Halim Shaari and Chen Soo Kien	A Study of Ca Doping at Y and Ba in YBa ₂ Cu ₃ O ₇ - Superconductors	331-332	Fundamental Science Congress 2011	2011
20	Nur Fadilah Baharuddin Pallan, S. A. Halim and M. Hashim	Effect of different Sintering Temperatures on the Superconducting Properties of YBCO	335-336	Fundamental Science Congress 2011	2011
21	Ariffin Abas, S.A. Halim , Z.A. Talib and Z.A. Wahab	Development of Internet-based Instrumentation for the Study of Hall Effect	341-342	Fundamental Science Congress 2011	2011
22	Adem Kilicman	Classifications Problems for PDE(s) and Convolution Products	346-347	Fundamental Science Congress 2011	2011
23	Mohamed Suleiman , Khairil Iskandar Osman, Zarina Bibi Ibrahim , Norazak Senu , Fudziah Ismail and Zanariah Abd Maidd	Componentwise Partitioning of ODEs	348	Fundamental Science Congress 2011	2011
24	Nor Azian Aini binti Mat, Norihan Md. Arifin , Roslinda Mohd Nazar and Fudziah Ismail	Marangoni Boundary Layer flow for Cu in Water based Fluid with Radiation	353-354	Fundamental Science Congress 2011	2011
25	S.Seddighi Chaharborj, A.B. Mohd Rizam and S.M. Sadat Kiai	Effect of damping Force on a CIT Ion Trap Supplied with a Periodic Impulsional Potential Form	355-356	Fundamental Science Congress 2011	2011
26	Fateh Abdo Ali Allahabi and Ibragimov Gafurjan	Pursuit Game with Mixed Constraints on the Controls	357-358	Fundamental Science Congress 2011	2011

27	Fateh Abdo Ali Allahabi and Ibragimov Gafurjan	An Optimal Pursuit Problem Described by Infinite System of First Order Differential Equations	359-360	Fundamental Science Congress 2011	2011
28	Wah June Leong, Malik Abu Hassan and Bean San Goh	Lyapunov Stability and Convergence of Line Search Methods for Unconstrained Optimization	361-362	Fundamental Science Congress 2011	2011
29	Anwar Fitrianto and Habshah Midi	Some Reviews of Mediation Analysis in Categorical Data	363-364	Fundamental Science Congress 2011	2011
30	Habshah Midi , Mohd Shafie Mustafa and Anwar Fitrianto	The Performance of MM Based Estimator for Determining the Optimum Response Surface Methodology	369-370	Fundamental Science Congress 2011	2011
31	K.A. Mohd Atan, S.Hasana Sapar and S.N. Amirah Z. Abidin	On Integral Solutions to The Diophantine Equation $x^3 + y^3 = 7z^3$	373	Fundamental Science Congress 2011	2011
32	Siti Aminah Abdul Rahman, Kamel Ariffin Mohd Atan and Siti Hasana Sapar	The Diophantine Equation $x^2 + 3a.5b = y^2$	374	Fundamental Science Congress 2011	2011
33	Fatanah Deraman, Sharifah Kartini Said Husain and Isamiddin S. Rakhimov	Classifications of Second Class of Nine Dimensional Complex Filiform Leibniz Algebras	375-376	Fundamental Science Congress 2011	2011
34	Witriany Basri and Ikrom M.Rikhsiboev	On Derivations of Diassociative Algebras	377	Fundamental Science Congress 2011	2011
35	Hend Bouseliana and Adem Kilicman	Pairwise Nearly-Paralindeloff Spaces	379-380	Fundamental Science Congress 2011	2011
36	Aliasghar Kazemi Nasab and Adem Kilicman	A Journey from Fourier Analysis to Curvelets: A Comparative Study on Wavelets	381-382	Fundamental Science Congress 2011	2011
37	Zohreh Pashazadeh Atabakan and Adem Kilicman	Solving Nonlinear Fredholm Integral Equations of the Second Kind Using Legendre and Haar Wavelets	383-384	Fundamental Science Congress 2011	2011
38	Adem Kilicman and Omer Altun	On the Solutions of Higher-Order Boundary Value Problems by Using Differential Transformation Method with Convolution Terms	385-386	Fundamental Science Congress 2011	2011
39	Norazak Senu , Thian Fung Che and Fudziah Ismail	Fourth-Order Explicit Runge-Kutta-Nystrom Method with Reduced Phase-lag and FSAL Technique	387-388	Fundamental Science Congress 2011	2011
40	Franak Rabiei, Fudziah Ismail , Mohamed Suleiman and Norihan Ririn	Numerical Solution for Ordinary Differential Equation by Using New Improved Third-Order Runge-Kutta Method	391-392	Fundamental Science Congress 2011	2011
41	Faieza Samat, Fudziah Ismail , Mohamed Suleiman and Norihan Md Ariffin	An Embedded Explicit Hybrid Method for Special Second-Order Initial Value Problems	393-394	Fundamental Science Congress 2011	2011
42	S A M Yatim, Z B Ibrahim , K I Othman and M B Suleiman	A Quantitative Comparison of Numerical Method for Solving Stiff Ordinary Differential Equations	397-398	Fundamental Science Congress 2011	2011

43	Lim Hock Ann and Habshah Midi	Robust Linear Model Estimation for Autocorrelated Data in the Presence of High Leverage Points	399-400	Fundamental Science Congress 2011	2011
44	Al Omari Mohammed Ahmed, Noor Akma Ibrahim, Mohd Bakri Adam and Jayanthi Arasan	Bayesian Estimate for Weibull Censored Data Using Lindley's Approximation	401-402	Fundamental Science Congress 2011	2011
45	Ng Kooi Huat and Habshah Midi	A Control Chart Based on Robust Estimator for Shift in Process Variance	403-404	Fundamental Science Congress 2011	2011
46	Siti Mahani Marjugi, Malik Abu Hasan and Wah June Leong	Preconditioning Limited Memory BFGS for Large Scale Unconstrained Optimization	405-406	Fundamental Science Congress 2011	2011
47	Syaida Fadhilah Mohammad Rusli, Mansor Monsi, Malik Abu Hassan and Leong Wah June	The Interval Midpoint Symmetric Single-Step Procedure IMSSI for Simultaneously Bounding Simple Polynomial Zeros	407-408	Fundamental Science Congress 2011	2011
48	N.A. Bakar, M. Monsi, M.A. Hassan and W.J. Leong	An Improved Parameter Regula Falsi Method for Enclosing a Zero of a Function	409-410	Fundamental Science Congress 2011	2011
49	N R Salim, M. Monsi, M A Hassan and W J Leong	On the Convergence rate of ZORO-Interval Symmetric Single-Steps Procedure (ZISS2)	411-412	Fundamental Science Congress 2011	2011
50	Ahmad Nazri Mohamad Som and Muhammad Rezal Kamel Ariffin	The Hashing Qualities of the AAB - Function	413-414	Fundamental Science Congress 2011	2011
51	Lai Soon Lee and Hsin Vonn Seow	Routing Vehicle with Chromosomes	415-416	Fundamental Science Congress 2011	2011
52	Nor Mazlina Abu Bakar and Habshah Midi	Identification of High Leverage Points in the Fixed effect Panel Data Model	417-418	Fundamental Science Congress 2011	2011
53	Sohel Rana and Habshah Midi	A Bootstrapping Approach of the significance of Rank Regression	419-420	Fundamental Science Congress 2011	2011
54	Fadzilah Md Ali, Roslinda Nazar and Norihan Md. Arifin	MHD Flow on a Nonlinear Porous Shrinking Sheet in a Viscous Fluid	421-422	Fundamental Science Congress 2011	2011
55	Lim Fong Peng, Fauziah Maarof, Noor Akma Ibrahim and Shamsiah Mohamed	A Comparison Between ZMAD and ZOLS for the Standard Logistic Distribution Against Selected Alternatives in Various Contaminating Conditions	423-424	Fundamental Science Congress 2011	2011
56	Hamideh Pourtaherian and Isamiddin S.Rakhimov	Skew Version of Rings	425-426	Fundamental Science Congress 2011	2011
57	Mat Rofa Ismail, Habsah Ismail	The Causality Principle: Islamic Tauhidic vs Logical Positivism	5	Programs & Abstracts The 5th International Conference on	2011
58	Mohd Rizam Abu Bakar	Statistical Techniques for Estimating Cure Fraction with Some Censored Observations	10	Programs & Abstracts The 5th International Conference on	2011

59	Hishamuddin Zainuddin and Toh Sing Poh	Progress on Kochen-Specker Theorem	16-17	Programs & Abstracts The 5th International Conference on	2011
60	Nahdiya Zainal Abidin, Mohd Bakri Adam, Habshah Midi	Hypothesis Tests of Goodness-of-fit for Frechet Distribution: A Comparative Study	25	Programs & Abstracts The 5th International Conference on	2011
61	Mohamat Aidil bin Mohamat Johari, Kamel Ariffin Mohd Atan, Siti Hasana Sapar	A General Relation Between Sums of Cubes and Triangular Pyramidal Numbers	33-34	Programs & Abstracts The 5th International Conference on	2011
62	Ali, N., Adam, M.B., Ibrahim, N.A. and Daud, I.	Tree-based Threshold Model for Non-Stationary Extremes	40-41	Programs & Abstracts The 5th International Conference on	2011
63	Nor Azian Aini binti Mat, Norihan Md. Arifin , Roslinda Mohd Nazar and Fudziah Ismail	Similarity Solutions for the Flow and Heat Transfer over a Nonlinear Stretching/Shrinking Sheet in a Nanofluid	47-48	Programs & Abstracts The 5th International Conference on	2011
64	Sahar Bayat, Maryam Kargar, Rohani Ahmad Tarmizi	Mathematics Attitudes Among Malaysian University Students	50-51	Programs & Abstracts The 5th International Conference on	2011
65	Abudhahir Buhari, Zuriati Ahmed Zukarnain, Shamala K.Subramaniam, Hishamuddin Zainuddin	A Single Photon Quantum User Bi-directional Authentication Scheme over Noiseless Channel	53	Programs & Abstracts The 5th International Conference on	2011
66	Fatanah Deraman, Isamiddin S. Rakhimov and Sharifah Kartini Said Husain	Isomorphism Classes and Invariants for a Subclass of Nine-Dimensional Filiform Leibniz Algebras	58-59	Programs & Abstracts The 5th International Conference on	2011
67	Z.K. Eshkuvatov , M. Abdulkawi, N.M.A. Nik Long	Numerical Solution of Fredholm Integral Equation of the Second Kind with Cauchy Kernel	66-67	Programs & Abstracts The 5th International Conference on	2011
68	Norsida Hasan, Mohd Bakri Adam , Norwati Mustapha and Mohd Rizam Abu Bakar	Sensitivity of Missing Values in Classification Tree for Large Sample	88-89	Programs & Abstracts The 5th International Conference on	2011
69	Md. Anowar Hossain, Rohani Ahmad Tarmizi, Ahmad Fauzi Mohd Ayub	Collaborative and Cooperative Learning in Malaysian Mathematics Education	99-100	Programs & Abstracts The 5th International Conference on	2011
70	Iszuanie Syafidza Che Ilias, Habshah Midi and Mohd Armi Abu Samah	The Effective Multi-Criteria Decision Making in Choosing Broadband Providers in Serdang: Analytical Hierarchy Process	102-103	Programs & Abstracts The 5th International Conference on	2011
71	Shahrina Ismail, Kamel Ariffin Mohd Atan	On the Solutions to the Diophantine Equation $x^4 + y^4 = 2z^2$	107	Programs & Abstracts The 5th International Conference on	2011
72	Zurita Ismail and Hishamuddin Zainuddin	Coauthorship Networks in UPM for 2009	108-109	Programs & Abstracts The 5th International Conference on	2011
73	Rohayati Ismail, Ahmad Fauzi Mohd Ayub , Othman Talib	The Relationship Between School Support, Environment and Culture with Mathematic Teachers' attitudes Toward ICT in Teaching and Learning	109-110	Programs & Abstracts The 5th International Conference on	2011
74	Adem Kilicman and Omer Altun	On Partial Differential Equations by Using Differential Transformation Method with Convolution Terms	118-119	Programs & Abstracts The 5th International Conference on	2011

75	Mohamed Faris Laham, Isthinayagy Krishnarajah	General Local Solution of Lotka-Volterra Model	128	Programs & Abstracts The 5th International Conference on	2011
76	Abdul Manaf, N., Garfurjan, I., Abu Bakar, M.R., and Aljawadi, B.	Understanding Reproducing Kernels in Hilbert Space and Their Applications in Survival Analysis	134	Programs & Abstracts The 5th International Conference on	2011
77	Mohd Zin Mokhtar, Rohani Ahmad Tarmizi, Ahmad Fauzi Mohd Ayub, Mokhtar Hj Nawawi	Utilization of Problem-Based Learning to Enhance Motivation Towards Learning of Calculus for Engineering Students	144-145	Programs & Abstracts The 5th International Conference on	2011
78	Hamisu Musa, Mohamed bin Suleiman, Fudziah Ismail	A-Stable 2 Point Block Extended Backward Differentiation Formula for Solving Stiff Initial Value Problems	151-152	Programs & Abstracts The 5th International Conference on	2011
79	Suzan J. Obaiys, Z.K. Eshkuvatov and N.M.A.Nik Long	The Numerical Treatment of Hypersingular Integrals	164-165	Programs & Abstracts The 5th International Conference on	2011
80	Yong Faezah Rahim, and Prof Dato' Dr Muhamed Suleiman	Numerical Solution of Constrained Differential Algebraic Equations (DAEs) by Mix-multistep Method	173-175	Programs & Abstracts The 5th International Conference on	2011
81	Desi Rahmatina, Mohd Rizam Abu Bakar	Logistic Loglogistic with Long Term Survivors for Split Population Model	176	Programs & Abstracts The 5th International Conference on	2011
82	Ikrom M. Rikhsiboev, Isamidin S.Rakhimov	Classification of Three Dimensional Complex Leibniz Algebras	181-182	Programs & Abstracts The 5th International Conference on	2011
83	Farzaneh Saadati, Rohani Ahmad Tarmizi, Ahmad Fauzi Mohd Ayub	Utilization of Technology in Mathematics Learning; Engineering Students Perception Through Facebook Interaction	187	Programs & Abstracts The 5th International Conference on	2011
84	M.R.M. Said, M.A. Mohamed, K.A. Mohd Atan, Z.Ahmad Zulkarnain	A Composition Method for Shorter Addition Chain	189-190	Programs & Abstracts The 5th International Conference on	2011
85	Faridah Yunos, Kamel Ariffin Mohd Atan, Muhammad Rezal Kamel Ariffin and Mohamad Rushdan Md Said	A Reduced τ -adic Naf Representation for An Efficient Scalar Multiplication on Anomalous Binary Curves	193-194	Programs & Abstracts The 5th International Conference on	2011
86	Rohani Ahmad Tarmizi, Wan Zah Wan Ali, Ahmad Fauzi Mohd Ayub	Pedagogical and Cultural Perspective on Mathematics Learning: A Preliminary Analysis	218-220	Programs & Abstracts The 5th International Conference on	2011
87	Noraishah, M.S and Krishnarajah, I.	A Comparison of Deterministic and Stochastic Model of Hand, Food and Mouth Disease in Malaysia	18	Programme Book & Abstract International Conference on Mathematical	2011
88	Joanne Suk Chun Chew and Lai Soon Lee	A Genetic Algorithm for Urban Transit Routing Problem	19	Programme Book & Abstract International Conference on Mathematical	2011
89	Mohammad Jalali Varnamkhashti and Lai Soon Lee	A Genetic Algorithm Based on Sexual Selection for The Multidimensional 0/1 Knapsack Problems	20	Programme Book & Abstract International Conference on Mathematical	2011
90	Bader A. Aljawadi, Mohd Rizam A. Bakar and Noor Akma Ibrahim	An Analytical Approach on Parametric Estimation of Cure Fraction Based on Weibull Distribution Using Interval Censored Data	24	Programme Book & Abstract International Conference on Mathematical	2011

91	S. Seddighi Chaharborj and A.B. Mohd Rizam	Study of Stochastic Systems for Epidemic Disease Models	27	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011
92	Abduvali A.Khaldjigitov, Aziz Qalandarov, Nik Mohd Asri Nik Long and Zainidin K.Eshkuvatov	Numerical Solution of 1D and 2D Thermoelastic Coupled Problems	29	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011
93	Velo Suthar, Rohani Ahmad Tarmizi, Habsah Midi, Mohd Bakri Adam	Predictive Models of Cognitive and Affects Constructs on Mathematics Ability of University Undergraduate Students	30	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011
94	Syarifah Narisya Syed Nor Azlan, Istrinayagy S. Krishnarajah and Glenn Marion	A Non-Spatial SIR Model for the Spread of Dengue Fever	33	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011
95	Turaj Vazifedan and Mahendran Shitan	Modelling Polio Data Using The First Order Non-Negative Integer-Valued Autoregressive, INAR (1), Model	36	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011
96	Thulasyammal Ramiah and Mahendran Shitan	An Illustration of Generalised Arma (Garma) Time Series Modeling of Forest Area in Malaysia	36	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011
97	Wen Fang Tan, Lai Soon Lee, Zanariah Abdul Majid and Hsin Vonn Seow	Routing Vehicle with Ants	38	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011
98	Ching Nei Yap, Lai Soon Lee, Zanariah Abdul Majid and Hsin Vonn Seow	Loading Containers with Ants	38	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011
99	Gafurjan Ibragimov and Abbas Ja'afaru Badakaya	Necessary and Sufficient Condition for Steering the State of an Infinite System of Differential Equation to Origin	39	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011
100	Nor Fadzillah Mohd Mokhtar and Norihan Md Arifin	Benard - Marangoni Ferroconvection with Feedback Control	40	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011
101	Abdumalik Rakhimov and Hishamuddin Zainuddin	On One Application of Fourier Analysis in Plastic Surgery	40	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011
102	Fauzia Ali Taweab and Noor Akma Ibrahim	Estimation of Cure Fraction with Covariates Based on Lognormal distribution Using Right Censored Data	45	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011
103	Abdumalik Rakhimov and Anvarjon Akhmedov	On the Fundamental Solution of the Cauchy Problem of Fractional Diffusion Equation on Sphere	45	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011
104	Suzan J. Obaiys, Z.K. Eshkuvatov and N.M.A.Nik Long	Automatic Quadrature Scheme for Evaluating Hypersingular Integrals	45	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011
105	A. Ashrafi, A.B. Jaafar, L.S. Lee and M.R. Abu Bakar	Efficiency Analysis of Caspian Cattle Feedlot Farms by Data Envelopment Analysis	47	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011
106	Kaveh Kiani and Jayanthi Arasan	Simulation of Interval Censored Data in Medical and Biological Studies	50	Programme Book & Abstract International Conference on <u>Mathematical</u>	2011

107	Mohamed Faris Laham, Isthrinayagy Krishnarajah	Numerical study on Predator Prey Model	52	Programme Book & Abstract International Conference on Mathematical	2011
108	Adem Kilicman	Recent Applications of Integral transforms in Mathematical Biology	54	Programme Book & Abstract International Conference on Mathematical	2011
109	Ummul Khair Salma Din, Fudziah Ismail and rokiyah@Rozita Ahmad	Solving Medical akzo Nobel Problem Using Functional Load Balancing algorithm of 5(4) Dirk Method	55	Programme Book & Abstract International Conference on Mathematical	2011
110	Marzieh Khakestari, Garfurjan Ibragimov and Mohammed Suleiman	Optimal Control Using Pontryagins Maximum Principle in a Linear Quadratic Differential Game	56	Programme Book & Abstract International Conference on Mathematical	2011
111	Fateh Allahabi and Ibragimov Gafurjan	Evasion From Many Pursuers in a Hilbert Space	56	Programme Book & Abstract International Conference on Mathematical	2011
112	Zarina Bibi Ibrahim , Nor Ain Azeany Mohd Nasir and Khairil Iskandar Othman	Numerical Solution of Tumor-Immune Interaction Uing 2-point Block Backward Differentiation Method	56	Programme Book & Abstract International Conference on Mathematical	2011
113	Iszuanie Syafidza Che Ilias, Habshah Midi and Mohd Armi Abu Samah	The Analytical hierarchy Process Decision Making in Choosing Broadband Providers of Serdang Residents	92	Program and Abstract Book Pioneering Sustainable Development through Applications of	2011
114	Anwar Fitrianto and Habshah Midi	Multi-Response Optization via Desirability Function for the Black Liquor	95	Program and Abstract Book Pioneering Sustainable Development through Applications of	2011
115	Abasalt Bodaghi, Idham Arif Alias	Continuity of Involuting n-Jordan Homomorphisms Between Commutative C Algebras	136	Program and Abstract Book Pioneering Sustainable Development through Applications of	2011
116	Abasalt Bodaghi, Idham Arif Alias	A Different Proof for the Stability of Double Centralizer on Banach Algebras	137	Program and Abstract Book Pioneering Sustainable Development through Applications of	2011
117	N.B. Dahalan, N.M.A.Nik Long, Z.K.Eshkuvatov	Numerical Solutions for the Antiplane Multiple Curved Cracka and a Circular Region	167	Program and Abstract Book Pioneering Sustainable Development through Applications of	2011
118	Mat Rofa Ismail	Epistemology, Philosophy and Ethnomatics: Towards Integrating Qualitative and Quantitive Aspects	26	Buku Program dan Abstrak Simposium Kebangsaan Sains Matematik ke 19	2011
119	Mohammad Alinor bin Abdul Kadir	Konsep Kerja, Upah dan Wang di Alam Melayu	31	Buku Program dan Abstrak Simposium Kebangsaan Sains Matematik ke 19	2011
120	A. Remeli, N.M. Arifin , R. Nazar, F. Ismail & I.Pop	Marangoni Boundary Layer Flow for AL2O3 Nanoparticles with Suction and Injection	33	Buku Program dan Abstrak Simposium Kebangsaan Sains Matematik ke 19	2011

121	Anvarjon Ahmedov & Ahmad Fadly	Localization of Fourier-Laplace Series of Distributions	34	Buku Program dan Abstrak Simposium Kebangsaan Sains Matematik ke 19	2011
122	Moo Kwong Wing, Norazak Senu, Soh Jenqlii, Fudziah Ismail, Zanariah Abdul Majid	Explicit Runge-Kutta (-Nystrom) Software for Solving First (And second) Order Ordinary Differential Equation	37	Buku Program dan Abstrak Simposium Kebangsaan Sains Matematik ke 19	2011
123	Munirah Mohamad, Norazak Senu, Mohamed Suleiman, Fudziah Ismail	High Order Explicit Runge-Kutta-Nystrom Methods for Periodic Initial Value Problems	37	Buku Program dan Abstrak Simposium Kebangsaan Sains Matematik ke 19	2011
124	Nor Hafizah Zainal, Adem Kilicman	Solving the Linear Partial Differential Equations by Using Corrected Fourier Series	38	Buku Program dan Abstrak Simposium Kebangsaan Sains Matematik ke 19	2011
125	Siti Hidayah Muhad Saleh, Norihan Md Arifin, Roslinda Mohd Nazar & Ioan Pop	Numerical Solution of Mixed Convection Near the Stagnation Point on a Vertical Shrinking Sheet	49	Buku Program dan Abstrak Simposium Kebangsaan Sains Matematik ke 19	2011
126	Thulasyammal Ramiah and Mahendran Shitan	Performance of the Hannan-Rissanen algorithm and whittle's Estimator for the Parameters of the Gamma (1,1;1,Δ)	64	Buku Program dan Abstrak Simposium Kebangsaan Sains Matematik ke 19	2011
127	Siti Aminah Abdul Rahman, Kamel Ariffin Mohd Atan and Siti Hasana Sapar	On the Diophantine Equation $x^2 + 3a.5b = y^2$	69	Buku Program dan Abstrak Simposium Kebangsaan Sains Matematik ke 19	2011
128	Siti Nur Amirah Zainal Abidin, Kamel Ariffin Mohd Atan, Siti Hasana Sapar	Penyelesaian Integer Kepada Persamaan Diofantus $x^3 + y^3 = 2.73z^3$	69	Buku Program dan Abstrak Simposium Kebangsaan Sains Matematik ke 19	2011
129	Zabidin Salleh & Adem Kilicman	Pairwise Nearly Regular-Lindelofbitopological Spaces	69	Buku Program dan Abstrak Simposium Kebangsaan Sains Matematik ke 19	2011
130	Sufia Zulfa Ahmad, Fudziah Ismail, Norazak Senu, Mohamed Sulaiman	Hybrids Methods for Solving Special Second order Delay Differential equations	70	Buku Program dan Abstrak Simposium Kebangsaan Sains Matematik ke 19	2011
131	Adem Kilicman	Differential Transform Methods and convolutions	71	Buku Program dan Abstrak Simposium Kebangsaan Sains Matematik ke 19	2011
132	Mat Rofa Ismail	Alma Semesta juga 'Islam'	24-25	Utusan Malaysia Bahagian Agama Mega Selasa 1 November 2011	2011
133	Mat Rofa Ismail	Barat Memogokkan Sejarah Perkembangan Islam di China disorok, penipuan Joseph Needham diiktiraf	14-15	Berita Harian Bahagian Sastera 9 November 2011	2011
TOTAL:		133			

f. Book

NO	AUTHOR	BOOK TITLE	PUBLISHER	COUNTRY	ISBN
1	Yap Lee Ken, Fudziah Ismail, and Mohamed Suleiman	Block Methods for Special Second Order Ordinary Differential Equations "Sequential and parallel Implementations"	Lambert Academic Publishing	Germany	978-3-8443-8413-0

2	Mahboubeh Farid, Leong Wah June	Gradient Type Methods for Large scale Optimization	Lambert Academic Publishing	Germany	978-3-8443-1968-2
3	Lim Fong Peng, Fauziah Maarof, Noor Akma Ibrahim	Goodness-Of-Fit Test For Standard Logistic Distribution With Outliers	Lambert Academic Publishing	Germany	978-3-8454-7120-4
4	Mahendran Shitan , Turaj Vazifedan	Exploratory Data Analysis for Almost Anyone	Universiti Putra Malaysia Press	Malaysia	978-967-344-259-1
5	Nurizzati Che Jawias, Fudziah Ismail	Diagonally Implicit Runge-Kutta Methods for Solving Linear ODEs	Lambert Academic Publishing	Germany	978-3-8465-3467-0