

YEAR 2013

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	Heng, S.C., Ibrahim, Z.B., Suleiman, M., Ismail, F.	Solving delay differential equations by using implicit 2-point block backward differentiation formula	Pertanika Journal of Science and Technology	21	1	37-44		Scopus	0128-7680
2	Ismail, S., Mohd Atan, K.A.	On the integral solutions of the diophantine equation $x^4 + y^4 = z^3$	Pertanika Journal of Science and Technology	21	1	119-126		Scopus	0128-7680
3	Provash Kumar Karmokar, Mahendran Shitan, and A.B.M. Rabiul Alam Beg	Long-run Relationship of the HVV Boro rice yields in the northern region of Bangladesh	Journal of Food Agriculture & Environment	11	1	441-444	0.435	ISI Thomson	1459-0255
4	Chan Kar Tim, Hishamuddin Zainuddin, Saeid Molladavaudi	Computation of quantum Bound States on a Singly Punctured Two-Torus	Chinese Physics Letters	30	1	010304-1 - 010304-4	0.811	ISI Thomson	0256-307X
5	Hassan Amirhashchi, Anirudh Pradhan and Hishamuddin Zainuddin	Interacting two-fluid viscous dark energy models in a non-flat universe	Research in Astronomy and Astrophysics (RAA)	13	2	129-138	1.348	ISI Thomson	1674-4527
6	Norhashila Hashim, Rirnel b. Janius, Rusly Abdul Rahman, Azizah Osman, Mahendran Shitan and Manuela Zude	Applications of Computer Vision in the Detection of Chilling Injury in Bananas	Pertanika Journal of Science and Technology	21	1	37-44		Scopus	0128-7680
7	Mahendran Shitan and Shelton Peiris	Approximate Asymptotic Variance-Covariance Matrix for the Whittle Estimators of GAR(1) Parameters	Communications In Statistics-Theory And Methods	42	2013	756-770	0.298	ISI Thomson	0361-0926
8	Nahdiya Zainal Abidin, Mohd Bakri Adam	Prediction of vertical jump height from anthropometric factors in male and female martial arts athletes	Malaysian Journal of Medical Sciences	20	1	39-45		Scopus	1394-195X
9	Azadeh Zahedi Khameneh and Adem Kilicman	On Soft α - Algebras	Malaysian Journal of Mathematical Sciences	7	1	17-30		Scopus	1823-8343
10	Noraini Dahalan, Nik Mohd Asri Nik Long and Zainiddin K. Eshkuvatov	Multiple Curved Crack Problems in Antiplane Elasticity for Circular Region with Traction Free Boundary	Malaysian Journal of Mathematical Sciences	7	1	59-78		Scopus	1823-8343
11	Jagdev Singh, Devendra Kumar and Adem Kilicman	Application of Homotopy Perturbation Sumudu Transform Method for Solving Heat and Wave-Like Equations	Malaysian Journal of Mathematical Sciences	7	1	79-96		Scopus	1823-8343
12	Gafurjan Ibragimov and Abbas Badakaya Jaafaru	On Control Problem for Infinite System of Differential Equations of Second Order	Malaysian Journal of Mathematical Sciences	7	1	97-110		Scopus	1823-8343
13	Faridah Yunos and Kamel Ariffin Mohd Atan	An Average Density of τ -adic Naf (τ -NAF) Representation: An Alternative Proof	Malaysian Journal of Mathematical Sciences	7	1	111-124		Scopus	1823-8343
14	Ibrahim, Z.B., Mohd Nasir, N.A.A., Othman, K.I., Suleiman, M.	Parallel implementation of fourth order block backward differentiation formulas for solving system of stiff ordinary differential equations	AIP Conference Proceedings	1522	2013	102-109		Scopus	0094-243X
15	Che Hussin, C.H., Kilicman, A.	Solving system of linear differential equations by using differential transformation method	AIP Conference Proceedings	1522	2013	245-250		Scopus	0094-243X
16	Najib, N., Bachok, N., Md Arifin, N.	Boundary Layer Flow Adjacent to a Permeable Vertical Plate with Constant Surface Temperature	AIP Conference Proceedings	1522	2013	413-419		Scopus	0094-243X
17	Alegn, N.L., Bachok, N., Ishak, A.	Effects of suction and injection on a moving plate in a nanofluid: Alumina-water	AIP Conference Proceedings	1522	2013	405-412		Scopus	0094-243X
18	Sham, A.W.M., Moni, M., Hassan, N., Suleiman, M.	A modified interval symmetric single step procedure ISS-SD for simultaneous inclusion of polynomial zeros	AIP Conference Proceedings	1522	2013	61-67		Scopus	0094-243X
19	Samat, F., Ismail, F.	Fourth-order explicit hybrid method for solving special second-order ordinary differential equations	AIP Conference Proceedings	1522	2013	192-195		Scopus	0094-243X
20	Mohd Ali, Z., Ibrahim, N.A., Mengersen, K., Shitan, M., Juahir, H.	The Langat River water quality index based on principal component analysis	AIP Conference Proceedings	1522	2013	1322-1336		Scopus	0094-243X
21	Mohd Zawawi, I.S., Ibrahim, Z.B., Suleiman, M.	Diagonally implicit block backward differentiation formulas for solving fuzzy differential equations	AIP Conference Proceedings	1522	2013	681-687		Scopus	0094-243X
22	Farmani, M., Rakhimov, I.	On geometric classification of 3-dimensional complex Leibniz algebras	AIP Conference Proceedings	1522	2013	926-929		Scopus	0094-243X
23	Abasi, N., Suleiman, M., Ibrahim, Z.B.	Solving DAEs using block method	AIP Conference Proceedings	1522	2013	648-650		Scopus	0094-243X
24	Mohammad Alkhatib, Azmi Jaafar, Mohamad Rusdan Md Said, Zuriati Ahmad Zukarnain	Parallelizing GF (p) Montgomery Elliptic Curve Crypto-System Operations to Improve Security and Performance	Advanced Materials Research	622-623		1906-1911		Scopus	1022-6680

25	Chan Kar Tim, Hishamuddin Zainuddin & Saied Molladavoudi	Computation and Visualization of Cuspidal Waveforms for Modular Group Using GridMathematica	Sains Malaysia	42	5	655-660	0.408	ISI Thomson	0126-6039
26	Aslam Abdullah, and Hishamuddin Zainuddin	Extension of Type-V and Type-IX Homogeneous Cosmologies	Procedia Engineering	53	2013	696 – 700		Scopus	1877-7058
27	Suliadi, S. , Ibrahim, N.A. , Daud, I.	Semiparametric Estimation with Profile Algorithm for Longitudinal Binary Data	Communications in Statistics: Simulation and Computation	42	1	138-152	0.295	Scopus, ISI Thomson	0361-0918
28	Chris Bambe Guure, Noor Akma Ibrahim, and Mohd Bakri Adam	Bayesian Inference of the Weibull Model Based on Interval-Censored Survival Data	Computational and Mathematical Methods in Medicine	2013	2013	Article ID 849520	0.791	ISI Thomson	1748-670X
29	Suzan J.Obaiys, Z.K.Eshkuvatov and N.M.A.Nik Long	On Error Estimation Of Automatic Quadrature Scheme For The Evaluation Of Hadamard Integral Of Second Order Singularity	Scientific Bulletin - University Politehnica Bucharest	75	1	85-98	0.3	ISI Thomson	1223-7027
30	Ahmad, S.Z., Ismail, F., Senu, N., Suleiman, M.	Zero-dissipative phase-fitted hybrid methods for solving oscillatory second order ordinary differential equations	Applied Mathematics and Computation	219	19	10096-10104	1.349	Scopus, ISI Thomson	0096-3003
31	Ahmad, S.Z., Ismail, F., Senu, N., Suleiman, M.	Semi implicit hybrid methods with higher order dispersion for solving oscillatory problems	Abstract and Applied Analysis	2013	2013	Article number136961	1.102	Scopus, ISI Thomson	1085-3375
32	Parvaneh Shabanzadeh, Norazak Senu, Kamyar Shameli, Fudziah Ismail, Maryam Mohaghehtabar	Application Of Artificial Neural Network (ANN) For The Prediction Of Size Of Silver Nanoparticles Prepared By Green Method	Digest Journal of Nanomaterials and Biostructures	8	2	541-549	1.092	ISI Thomson	1842-3582
33	Parvaneh Shabanzadeh, Norazak Senu, Kamyar Shameli, and Maryam Mohaghehtabar	Artificial Intelligence in Numerical Modeling of Silver Nanoparticles Prepared in Montmorillonite Interlayer Space	Journal of Chemistry	2013	Article ID 305713	8 pages	0.484	ISI Thomson	2090-9063
34	Jikantoro, Y.D., Ismail, F., Senu, N.	A new fourth-order explicit Runge-Kutta method for solving first order ordinary differential equations	AIP Conference Proceedings	1522	2013	1003-1010		Scopus	0094-243X
35	Md Ariffin, L., Senu, N., Suleiman, M.	A three-stage explicit two-step Runge-Kutta-Nyström method for solving second-order ordinary differential equations	AIP Conference Proceedings	1522	2013	323-329		Scopus	0094-243X
36	Ahmad, S.Z., Ismail, F., Senu, N.	Semi implicit hybrid methods with higher order dispersion for solving oscillatory problems	AIP Conference Proceedings	1522	2013	553-560		Scopus	0094-243X
37	Abdullah, A.S., Abdul Majid, Z., Senu, N.	Solving third order boundary value problem with fifth order method	AIP Conference Proceedings	1522	2013	538-543		Scopus	0094-243X
38	Mohamad, M., Senu, N., Suleiman, M., Ismail, F.	An embedded 5(4) explicit Runge-Kutta-Nyström method with dissipation of high order	AIP Conference Proceedings	1522	2013	362-369		Scopus	0094-243X
39	Hasni, M.M., Abdul Majid, Z., Senu, N.	Solving linear Neumann boundary value problems using block methods	AIP Conference Proceedings	1522	2013	347-353		Scopus	0094-243X
40	Wing, M.K., Senu, N., Ismail, F., Suleiman, M.	A fourth order phase-fitted Runge-Kutta-Nyström method for oscillatory problems	AIP Conference Proceedings	1522	2013	316-322		Scopus	0094-243X
41	Musa, H., Suleiman, M.B., Ismail, F., Senu, N., Ibrahim, Z.B.	An improved 2-point block backward differentiation formula for solving stiff initial value problems	AIP Conference Proceedings	1522	2013	211-220		Scopus	0094-243X
42	Yatim, S.A.M., Ibrahim, Z.B., Othman, K.I., Suleiman, M.B.	A Numerical Algorithm for Solving Stiff Ordinary Differential Equations	Mathematical Problems in Engineering	2013	2013	Article number989381	1.383	Scopus, ISI Thomson	1024-123X
43	Ebadi, M.J., Suleiman, M., Ismail, F.Bt., Ahmadian, A., Shahryari, M.R.B., Salahshour, S.	A New Distance Measure for Trapezoidal Fuzzy Numbers	Mathematical Problems in Engineering	2013	2013	Article number424186	1.383	Scopus, ISI Thomson	1024-123X
44	Phang, P.S., Abdul Majid, Z., Ismail, F., Othman, K.I., Suleiman, M.	New Algorithm of two-point Block Method for Solving Boundary Value Problem with Dirichlet and Neumann boundary Conditions	Mathematical Problems in Engineering	2013	2013	Article number917589	1.383	Scopus, ISI Thomson	1024-123X
45	Othman, K.I., Ibrahim, Z.B., Azeany, N.A., Suleiman, M.	Componentwise partitioning using multistep block method for solving ordinary differential equations	Advanced Science Letters	19	8	2473-2476		Scopus	1936-6612
46	Ibrahim, Z.B., Zainuddin, N., Suleiman, M.B., Othman, K.I.	Developing fourth order Block Backward Differentiation Formulas for solving second order ordinary differential equations directly	Advanced Science Letters	19	8	2481-2485		Scopus	1936-6612
47	Suleiman, M., Ibrahim, Z.B., Othman, K.I.	Step size ratio selection for two point Block Backward Differentiation Formulas	Advanced Science Letters	19	8	2477-2480		Scopus	1936-6612
48	Seddighi Chaharborj, S., Fudziah, I., Abu Bakar, M., Seddighi Chaharborj, R., Majid, Z.A., Ahmad, A.G.B.	The use of generation stochastic models to study an epidemic disease	Advances in Difference Equations	2013	2013	Article number7	0.76	Scopus, ISI Thomson	1687-1847
49	Sarkhosh Seddighi Chaharborj, Fudziah Ismail, Fakhreddin Abedi and Mahendran Shitan	Quadrupole mass filter with fuzzy initial conditions	Advances in Difference Equations	2013	2013	Article number45	0.76	Scopus, ISI Thomson	1687-1847
50	Faranak Rabiei, Fudziah Ismail, Ali Ahmadian, and Soheil Salahshour	Numerical Solutions of Second-Order Fuzzy differential Equation Using Improved Runge-Kutta Nystrom Method	Mathematical Problems in Engineering	2013	Article ID 803462	10 pages	1.383	Scopus, ISI Thomson	1024-123X

51	A. Karimi Dizicheh, F. Ismail, M. Tavassoli Kajani, and Mohammad Maleki	A Legendre Wavelet Spectral Collocation Method for Solving Oscillatory Initial Value Problems	Journal of Applied Mathematics	2013	Article ID 591636	5 pages	0.834	Scopus, ISI Thomson	1110-757X
52	Seddighi Chaharborj, S., Ismail, F., Gheisari, Y., Seddighi Chaharborj, R., Abu Bakar, M.R., Abdul Majid, Z.	Lie Group Analysis and Similarity Solutions for Mixed Convection Boundary Layers in the Stagnation-Point Flow toward a Stretching Vertical Sheet	Abstract and Applied Analysis	2013	Article ID 269420	11 pages	1.102	Scopus, ISI Thomson	1085-3375
53	Ali Ahmadian, Mohamed Suleiman, Soheil Salahshour and Dumitru Baleanu	A Jacobi operational matrix for solving a fuzzy linear fractional differential equation	Advances in Difference Equations	2013	2013	Article number104	0.76	Scopus, ISI Thomson	1687-1847
54	Ahmadian, A., Suleiman, M., Ismail, F., Salahshour, S., Ghaemi, F.	A Runge-Kutta method with lower function evaluations for solving hybrid fuzzy differential equations	Lecture Notes in Computer Science	7802 LNAI	Issue PART 1	265-274		Scopus	0302-9743
55	Siti Ainor Mohd Yatim, Zarina Bibi Ibrahim, Khairil Iskandar Othman, Mohamed Suleiman	Solving Stiff Ordinary Differential Equations Using Extended Block Backward Differentiation Formulae	Lecture Notes in Electrical Engineering	229	2013	31-43		Scopus	1876-1100
56	Waziri, M.Y., Majid, Z.A.	An enhanced matrix-free secant method via predictor-corrector modified line search strategies for solving systems of nonlinear equations	International Journal of Mathematics and Mathematical Sciences	2013	Article ID 814587	6 pages		Scopus	0161-1712
57	Waziri, M.Y., Abdul Majid, Z.	An Improved Diagonal Jacobian Approximation via a New quasi-Cauchy Condition for Solving Large-Scale Systems of Nonlinear Equations	Journal of Applied Mathematics	2013	2013	Article number875935	0.834	Scopus, ISI Thomson	1110-757X
58	Fuziyah Ishak, Zanariah A. Majid, and Mohamed B. Suleiman	Block method with Hermite interpolation for numerical solution of delay differential equations	AIP Conference Proceedings	1522	2013	708-714		Scopus	0094-243X
59	Seong, H.Y., Abdul Majid, Z.	Direct method for solving second order delay differential equations	AIP Conference Proceedings	1522	2013	676-680		Scopus	0094-243X
60	Abdullah, A.S., Majid, Z.A., Senu, N.	Solving third order boundary value problem using fourth order block method	Applied Mathematical Sciences	7	53-56	2629-2645		Scopus	1312-885X
61	Rasdi, N., Majid, Z.A., Ismail, F., Senu, N., See, P.P., Radzi, H.M.	Solving second order delay differential equations by direct two and three point one-step block method	Applied Mathematical Sciences	7	53-56	2647-2660		Scopus	1312-885X
62	Abdul Aziz, N.H., Abdul Majid, Z.	Solving delay differential equations using modified 2-point block method	AIP Conference Proceedings	1522	2013	791-797		Scopus	0094-243X
63	P.S. Phang, Z.A. Majid, M. Suleiman and F. Ismail	Solving boudary value problems with neumann conditions using direct method	World Applied Sciences Journal	21	2013	129-133		Scopus	1818-4952
64	Seyed Yasin Yazdi Amirkhiz, Kamariah Abu Bakar, Arshad Abd. Samad, Roselan Baki, Leila Mahmoudi	Teachers' Experiential Reflections on Iranian and Malaysian Students' Collaborative Orientations	Asian Social Science	9	1	271-277		Scopus	1911-2017
65	Mohamat Johari, M.A., Mohd Atan, K.A., Sapar, S.H.	A combinatorial proof for a relation between certain types of integers	JP Journal of Algebra, Number Theory and Applications	28	2	129-139		Scopus	0972-5555
66	Norfifah Bachok, Anuar Ishak and Ioan Pop	Boundary layer stagnation-point flow towards a stretching/shrinking sheet in a nanofluid	Journal of Heat Transfer	135	5	art no 054501	1.718	Scopus, ISI Thomson	0022-1481
67	Norfifah Bachok, Anuar Ishak, Roslinda Nazar, Norazak Senu	Stagnation-point flow over a permeable stretching/shrinking sheet in a copper-water nanofluid	Boundary Value Problems	2013	39	10 pages	0.922	Scopus, ISI Thomson	1687-2770
68	Bachok, N., Ishak, A., Pop, I.	Mixed Convection Boundary Layer Flow over a Moving Vertical Flat Plate in an External Fluid Flow with Viscous Dissipation Effect	PLoS ONE	8	4	art. no. e60766	3.73	Scopus, ISI Thomson	1932-6203
69	Ibragimov, G.I., Kuchkarov, A.Sh.	Fixed duration pursuit-evasion differential game with integral constraints	Journal of Physics: Conference Series	435	1	art. no. 012017		Scopus	1742-6588
70	Rakhimov, I.S., Dey, K.K., Paul, A.C.	Prime gamma near-rings with derivations	International Journal of Pure and Applied Mathematics	83	2	221-231		Scopus	1311-8080
71	Dey, K.K., Paul, A.C., Rakhimov, I.S.	Semiprime gamma rings with orthogonal reverse derivations	International Journal of Pure and Applied Mathematics	83	2	233-245		Scopus	1311-8080
72	Merkin, J.H., Bachok, N., Jaradat, M.A., Pop, I.	A similarity solution for the flow and heat transfer over a moving permeable flat plate in an external free stream: Case of strong injection	Meccanica	48	2	297-306	1.747	Scopus, ISI Thomson	0025-6455
73	Guure, C.B., Ibrahim, N.A., Adam, M.B.	Bayesian inference of the weibull model based on interval-censored survival data	Computational and Mathematical Methods in Medicine	2013	2013	Article number849520	0.791	Scopus, ISI Thomson	1748-670X
74	Ashrafi, A., Seow, H.-V., Lee, L.S., Lee, C.G.	The efficiency of the hotel industry in Singapore	Tourism Management	37	2013	31-34	2.571	Scopus, ISI Thomson	0261-5177
75	Abedi, F., Leong, W.J., Seddighi Chaharborj, S.	On the asymptotical and practical stability of stochastic control systems	Mathematical Problems in Engineering	2013	2013	Article number560647	1.383	Scopus, ISI Thomson	1024-123X
76	Mursaleen, M., Kiligman, A.	Korovkin second theorem via B -statistical A -summability	Abstract and Applied Analysis	2013	2013	Article number598963	1.102	Scopus, ISI Thomson	1085-3375

77	Inc, M., Akgül, A., Kılıçman, A.	A novel method for solving KdV equation based on reproducing kernel hilbert space method	Abstract and Applied Analysis	2013	2013	Article number578942	1.102	Scopus, ISI Thomson	1085-3375
78	Shrideh Khalaf Qasem Al-Omari, Adem Kılıçman	An estimate of Sumudu transforms for Boehmians	Advances in Difference Equations	2013	77	10 pages	0.76	ISI Thomson	1687-1847
79	Karadeniz Gözeri, G., Pekin, A., Kılıçman, A.	On the transcendence of some power series	Advances in Difference Equations	2013	2013	Article number17	0.76	Scopus, ISI Thomson	1687-1847
80	Mariasebastin Maria Susai Manuel, Adem Kılıçman , Gnanadhass Britto Antony Xavier, Rajan Pugalarasu and Devadanam Suseela Dilip	An application on the second-order generalized difference equations	Advances in Difference Equations	2013	35	6 pages	0.76	ISI Thomson	1687-1847
81	Shahverdian, A., Kilicman, A.	Exact formula for distribution of sequences (u_n)	International Journal of Number Theory	9	1	179-187	0.342	Scopus, ISI Thomson	1793-0421
82	Kazemi Nasab, A., Kılıçman, A. , Babolian, E., Pashazadeh Atabakan, Z.	Wavelet analysis method for solving linear and nonlinear singular boundary value problems	Applied Mathematical Modelling	37	8	5876-5886	1.706	Scopus, ISI Thomson	0307-904X
83	Tohidi, E., Soleymani, F., Kilicman, A.	Robustness of Operational Matrices of Differentiation for Solving State-Space Analysis and Optimal Control Problems	Abstract and Applied Analysis	2013	2013	Article number535979	1.102	Scopus, ISI Thomson	1085-3375
84	Toutounian, F., Tohidi, E., Kilicman, A.	Fourier operational matrices of differentiation and transmission: Introduction and applications	Abstract and Applied Analysis	2013	2013	Article number198926	1.102	Scopus, ISI Thomson	1085-3375
85	Inc, M., Akgül, A., Kılıçman, A.	A new application of the reproducing kernel hilbert space method to solve MHD jeffery-hamel flows problem in nonparallel walls	Abstract and Applied Analysis	2013	2013	Article number239454	1.102	Scopus, ISI Thomson	1085-3375
86	Alireza Ghodsi & Mahendran Shitan	Some Properties of the Normalized Periodogram of a Fractionally Integrated Separable Spatial ARMA (FISSARMA) Model	Communications in Statistics - Theory and Methods	42	2013	1515-1530	0.274	ISI Thomson	0361-0926
87	Jamaludin, N., Monsi, M., Hassan, N., Kartini, S.	On modified interval symmetric single-step procedure ISS2-5D for the simultaneous inclusion of polynomial zeros	International Journal of Mathematical Analysis	7	17-20	983-988		Scopus	1312-8876
88	Farid, M., Leong, W.J. , Malekmohammadi, N., Mamat, M.	Scaled diagonal gradient-type method with extra update for large-scale unconstrained optimization	Abstract and Applied Analysis	2013	2013	Article number532041	1.102	Scopus, ISI Thomson	1085-3375
89	Farid, M., Leong, W.J. , Zheng, L.	A new diagonal gradient-type method for large scale unconstrained optimization	UPB Scientific Bulletin, Series A: Applied Mathematics and Physics	75	1	57-64	0.3	Scopus, ISI Thomson	1223-7027
90	Leong, W.J. , Chen, C.Y.	A class of diagonal preconditioners for limited memory BFGS method	Optimization Methods and Software	28	2	379-392	0.651	Scopus, ISI Thomson	1055-6788
91	Abedi, F., Leong, W.J.	On exponential stability of composite stochastic control systems	Abstract and Applied Analysis	2013	2013	Article number695816	1.102	Scopus, ISI Thomson	1085-3375
92	Elbeleze, A.A., Kılıçman, A. , Taib, B.M.	Homotopy perturbation method for fractional black-scholes european option pricing equations using sumudu transform	Mathematical Problems in Engineering	2013	2013	Article number524852	1.383	Scopus, ISI Thomson	1024-123X
93	Serkan Araci, Mehmet Acikgoz and Adem Kılıçman	Extended r-adic q-invariant integrals on \mathbb{Z}_p associated with applications of umbral calculus	Advances in Difference Equations	2013	96	14 pages	0.76	Scopus, ISI Thomson	1687-1847
94	Kuchkarov, A.S., Ibragimov, G.I. , Khakestari, M.	On a linear differential game of optimal approach of many pursuers with one evader	Journal of Dynamical and Control Systems	19	1	1-15	0.462	Scopus, ISI Thomson	1079-2724
95	Pashazadeh Atabakan, Z., Kazemi Nasab, A., Kılıçman, A. , Eshkuvatov, Z.K.	Numerical solution of nonlinear fredholm integro-differential equations using spectral homotopy analysis method	Mathematical Problems in Engineering	2013	2013	Article number674364	1.383	Scopus, ISI Thomson	1024-123X
96	Eshkuvatov, Z.K. , Nik Long, N.M.A. , Midi, H. , Khalidjigitov, A.	Polynomial spline approach for double integrals with algebraic singularity	Journal of Physics: Conference Series	435	1	Article number012009		Scopus	1742-6588
97	Muminov, Z., Ismail, F. , Eshkuvatov, Z.	On the number of eigenvalues of a model operator in fermionic Fock space	Journal of Physics: Conference Series	435	1	Article number012036		Scopus	1742-6588
98	Rabiei, F., Ismail, F. , Ahmadian, A., Salahshour, S.	Numerical solution of second-order fuzzy differential equation using improved runge-kutta nyström method	Mathematical Problems in Engineering	2013	2013	Article number803462	1.383	Scopus, ISI Thomson	1024-123X
99	P.S. Phang, Z.A. Majid, M. Suleiman and F. Ismail	Solving Boundary Value Problems With Neumann Conditions Using Direct Method	World Applied Sciences Journal	21	2013	129-133		Scopus	1818-4952
100	Fadzilah Md Ali, Roslinda Nazar, Norihan Md Arifin and Ioan Pop	Dual solutions in MHD flow on a nonlinear porous shrinking sheet in a viscous fluid	Boundary Value Problems	2013	32	7 pages	0.922	Scopus, ISI Thomson	1687-2770
101	Midi, H. , Mustafa, M.S., Fitrianto, A.	Augmented approach to desirability function based on MM estimator	AIP Conference Proceedings	1522	2013	1240-1247		Scopus	0094-243X
102	Fitrianto, A., Midi, H.	Standardized simple mediation model: A numerical example	World Applied Sciences Journal	22	8	1135-1139		Scopus	1818-4952

103	Md Ali, F., Nazar, R., Md Arifin, N.	Effect of thermal radiation on unsteady stagnation-point flow with mass transfer	AIP Conference Proceedings	1522	2013	80-85		Scopus	0094-243X
104	Ghosh, D., Banerjee, S.	Projective synchronization of time-varying delayed neural network with adaptive scaling factors	Chaos, Solitons and Fractals	53	2013	1-9	1.246	Scopus, ISI Thomson	0960-0779
105	Sim, H.S., Leong, W.J., Hassan, M.A., Ismail, F.	Some diagonal preconditioners for limited memory quasi-newton method for large scale optimization	Malaysian Journal of Mathematical Sciences	7	2	181-201		Scopus	1823-8343
106	Wei, N.T., Abbas, Z., Osman, N.H.	Effect of different subsectional basis and testing function in the method of moments for the scattering from two dimensional dielectric scatterers	Malaysian Journal of Mathematical Sciences	7	2	247-272		Scopus	1823-8343
107	Zainal, N.H.B., Kilicman, A.	Comparison between fourier and corrected fourier series methods	Malaysian Journal of Mathematical Sciences	7	2	273-282		Scopus	1823-8343
108	Rakhimov, I.S., Dey, K., Paul, A.C.	On commutativity of completely prime gamma-rings	Malaysian Journal of Mathematical Sciences	7	2	283-295		Scopus	1823-8343
109	Ahmedov, A., Nurullah, A.F., Rakhimov, A.	Localization of fourier-laplace series of distributions	Malaysian Journal of Mathematical Sciences	7	2	315-326		Scopus	1823-8343
110	Muminov, Z., Ismail, F., Eshkuvatov, Z., Rasulov, J.	On the discrete spectrum of a model operator in fermionic fock space	Abstract and Applied Analysis	2013	2013	Article number875194	1.102	Scopus, ISI Thomson	1085-3375
111	Mahdi Ebrahimzadeh, Noor Akma Ibrahim, Abdul Aziz Jemain & Adem Kilicman	Claim Dependence Induced by Common Effects in Hierarchical Credibility Models	Communications in Statistics - Theory and Methods	42	18	2673-2700	0.298	Scopus, ISI Thomson	0361-0926
112	Berdiyeva, M., Ospanova, A., Othman, M.	Optimization of industrial processes in reactors	Advanced Materials Research	717	2013	613-618		Scopus	1022-6680
113	Atangana, A., Kilicman, A.	A novel integral operator transform and its application to some FODE and FPDE with some kind of singularities	Mathematical Problems in Engineering	2013	2013	Article number531984	1.383	Scopus, ISI Thomson	1024-123X
114	Seddighi Chaharborj, S., Fudziah, I., Majid, Z.A., Gheisari, Y.	Study of cylindrical ion trap with new periodic impulsive potential form	World Applied Sciences Journal	24	2	300-304		Scopus	1818-4952
115	M. Mohamad, N. Senu, M. Suleiman and F. Ismail	Fifth Order Phase-fitted and Amplification-fitted Runge-Kutta-Nyström Method for Periodic IVPs	International Journal of Applied Mathematics & Statistics	42	12	27-37		Scopus	0973-1377
116	Chin, H.W., Fitrianto, A.	Statistical approach for modeling Malaysia's gross domestic product	Middle East Journal of Scientific Research	15	4	606-612		Scopus	1990-9233
117	Shahriyar, M.R.B., Ismail, F., Aghabeigi, S., Ahmadian, A., Salahshour, S.	An eigenvalue-eigenvector method for solving a system of fractional differential equations with uncertainty	Mathematical Problems in Engineering	2013	2013	Article number579761	1.383	Scopus, ISI Thomson	1024-123X
118	Midi, H., Ann, L.H., Rana, S.	On the robust parameter estimation for linear model with autocorrelated errors	Advanced Science Letters	19	8	2494-2496		Scopus	1936-6612
119	Nik Long, N.M.A., Khaldjigitov, A.A., Adambaev, U.	On the constitutive relations for isotropic and transversely isotropic materials	Applied Mathematical Modelling	37	14-15	7726-7740	1.706	Scopus, ISI Thomson	0307-904X
120	Rana, S., Midi, H., Fitrianto, A.	Statistical significance of rank regression	Applied Mathematical Sciences	7	81-84	4067-4072	1.706	Scopus, ISI Thomson	0307-904X
121	Kiani, K., Arasan, J.	Gompertz model with time-dependent covariate in the presence of interval-, right- and left-censored data	Journal of Statistical Computation and Simulation	83	8	1472-1490	0.629	Scopus, ISI Thomson	0094-9655
122	Al-Surmi, I., Othman, M., Abdul Hamid, N.A.W., Ali, B.M.	Enhancing inter-PMIPv6-domain for superior handover performance across IP-based wireless domain networks	Wireless Networks	19	6	1317-1336	0.736	Scopus, ISI Thomson	1022-0038
123	Al-Habashi, R., Abbas, Z.	New developed formula to calculate the permittivity of ferrite-polymer composite	Key Engineering Materials	553	2013	53-58		Scopus	1013-9826
124	Majid, Z.A., Hasni, M.M., Senu, N.	Solving second order linear Dirichlet and Neumann boundary value problems by block method	IAENG International Journal of Applied Mathematics	43	2	71-76		Scopus	1992-9978
125	Ali Ahmadian, Mohamed B. Suleiman, and Soheil Salahshour	An operational matrix based on Legendre Polynomials for Solving Fuzzy Fractional-order Differential Equations	Abstract and Applied Analysis	2013	2013	Article number505903	1.102	Scopus, ISI Thomson	1085-3375
126	Midi, H., Ariffin, S.B.	Modified standardized Pearson residual for the identification of outliers in logistic regression model	Journal of Applied Sciences	13	6	828-836		Scopus	1812-5654
127	Pashazadeh Atabakan, Z., Kazemi Nasab, A., Kiliçman, A.	On solution of Fredholm integrodifferential equations using composite chebyshev finite difference method	Abstract and Applied Analysis	2013	2013	Article number694043	1.102	Scopus, ISI Thomson	1085-3375
128	Ismail, R., Hamid, N.A.W.A., Othman, M., Latip, R.	Performance analysis of message passing interface collective communication on Intel Xeon quad-core Gigabit Ethernet and InfiniBand clusters	Journal of Computer Science	9	4	455-462		Scopus	1549-3636

129	Nik Mohd Asri Nik Long , Leefeng Koo, Tze Jin Wong, and Melini Suail	Mixed convection boundary layers with prescribed temperature in the unsteady stagnation point flow toward a stretching vertical sheet	Mathematical Problems in Engineering	2013	2013	Article number195360	1.383	Scopus, ISI Thomson	1024-123X
130	Kuchkarov, A., Ibragimov, G. , Sotvoldiev, A.	Linear discrete pursuit game problem with total constraints	Abstract and Applied Analysis	2013	2013	Article number840925	1.102	Scopus, ISI Thomson	1085-3375
131	Saif, A., Othman, M.	SRA-MSDU: Enhanced A-MSDU frame aggregation with selective retransmission in 802.11n wireless networks	Journal of Network and Computer Applications	36	4	1219-1229	1.467	Scopus, ISI Thomson	1084-8045
132	M. Mechee, F. Ismail, N. Senu & Z. Siri	Directly solving special second order delay differential equations using Runge-Kutta-Nyström method	Mathematical Problems in Engineering	2013	2013	Article number830317	1.383	Scopus, ISI Thomson	1024-123X
133	Soltani, A., Iranmanesh, A., Majid, Z.A.	The edge Wiener type of topological indices	Utilitas Mathematica	91	July 2013	87-98	0.28	Scopus, ISI Thomson	0315-3681
134	Mechee, M., Senu, N., Ismail, F., Nikouravan, B., Siri, Z.	A three-stage fifth-order Runge-Kutta method for directly solving special third-order differential equation with application to thin film flow problem	Mathematical Problems in Engineering	2013	2013	Article number795397	1.383	Scopus, ISI Thomson	1024-123X
135	Farid, H., Ismail, I.A., Sadeghi, Z., Rana, S.	Propelling the innovation speed for Malaysian biotechnology products	Life Science Journal	10	3	503-510	0.165	Scopus, ISI Thomson	1097-8135
136	Hasni, M.M., Majid, Z.A., Senu, N.	Numerical solution of linear dirichlet two-point boundary value problems using block method	International Journal of Pure and Applied Mathematics	85	3	495-506		Scopus	1311-8080
137	You, K.Y., Lee, C.Y., Then, Y.L., Chong, S.H.C., You, L.L., Abbas, Z., Cheng, E.M.	Precise moisture monitoring for various soil types using handheld microwave-sensor meter	IEEE Sensors Journal	13	7	2563-2570	1.475	Scopus, ISI Thomson	1530-437X
138	Kumar, D., Singh, J., Kiliçman, A.	An efficient approach for fractional Harry Dym equation by using Sumudu transform	Abstract and Applied Analysis	2013	2013	Article number608943	1.102	Scopus, ISI Thomson	1085-3375
139	Al-Omari, S.K.Q., Kiliçman, A.	Unified treatment of the Krätzel transformation for generalized functions	Abstract and Applied Analysis	2013	2013	Article number750524	1.102	Scopus, ISI Thomson	1085-3375
140	Jeeva Sathya Theesar, S., Ariffin, M.R.K., Banerjee, S.	Synchronization and a secure communication scheme using optical star network	Optics and Laser Technology	54	2013	15-21	1.365	Scopus, ISI Thomson	0030-3992
141	Priscilla Moses, Su Luan Wong, Kamariah Abu Bakar , Roanaini Mahmud	Perceived Usefulness and Perceived Ease of Use: Antecedents of Attitude Towards Laptop Use Among Science and Mathematics Teachers in Malaysia	Asia-Pacific Education Researcher	22	3	293-299	0.933	Scopus, ISI Thomson	0119-5646
142	Mokhtar, N.F.M., Khalid, I.K., Ariffin, N.M.	Effect of internal heat generation on benard-marangoni convection in micropolar fluid with feedback control	Journal of Physics: Conference Series	435	2013	Article number012029		Scopus	1742-6588
143	Ahmedov, A.A., Jamaludin, N.A.B., Rakhimov, A.	Uniformly convergence of the spectral expansions of the schrödinger operator on a closed domain	Journal of Physics: Conference Series	435	2013	Article number012014		Scopus	1742-6588
144	Ahmedov, A.A., Nurullah Bin Rasheed, A.F., Rakhimov, A.	On the sufficient conditions of the localization of the Fourier-Laplace series of distributions from liouville classes	Journal of Physics: Conference Series	435	2013	Article number012016		Scopus	1742-6588
145	Ishak, F., Majid, Z.A., Suleiman, M.B.	Efficient interpolators in implicit block method for solving delay differential equations	International Journal of Mathematics and Computers in Simulation	7	2	116-124		Scopus	1998-0159
146	Al-Omari, S.K.Q., Kiliçman, A.	Some remarks on the extended hartley-hilbert and fourier-hilbert transforms of boehmians	Abstract and Applied Analysis	2013	2013	Article number348701	1.102	Scopus, ISI Thomson	1085-3375
147	Tohidi, E., Kiliçman, A.	A collocation method based on the bernoulli operational matrix for solving nonlinear BVPs which arise from the problems in calculus of variation	Mathematical Problems in Engineering	2013	2013	Article number757206	1.383	Scopus, ISI Thomson	1024-123X
148	Noraini Jamaludin, Mansor Monsi, Nasruddin Hassan and Mohamed Suleiman	Modification on interval symmetric single-step procedure ISS-56 for bounding polynomial zeros simultaneously	AIP Conference Proceedings	1522	2013	750-756		Scopus	0094-243X
149	Sulaiman, J., Hasan, M.K., Othman, M., Abdul Karim, S.A.	Fourth order solutions of singularly perturbed boundary value problems by quarter-sweep iteration	AIP Conference Proceedings	1522	2013	275-284		Scopus	0094-243X
150	Ghaemi, F. Yunus, R. Ahmaian, A. Salahshour, S. Suleiman, M	Application of Fuzzy Fractional Kinetic Equations to Modelling of the Acid Hydrolysis Reaction	Abstract and Applied Analysis	2013	2013	Article ID 610314	1.102	Scopus, ISI Thomson	1085-3375
151	Santo Banerjee, M.R.K.Ariffin	Noise induced synchronization of time-delayed semiconductor lasers and authentication based asymmetric encryption	Optics & Laser Technology	45	2013	435-442	1.365	Scopus, ISI Thomson	0030-3992
152	Shayesteh Jahanfar, Munn-Sann Lye, Isthrinayagy S Krishnarajah	Genetic and environmental effects on age at menarche, and its relationship with reproductive health in twins	Indian Journal of Human Genetics	19	2	245-250		Scopus	0971-6866
153	Wong Tze Jin, Hailiza Kamarulhaili and Mohd. Rusdan Md Said	On the Hastad's Attack to LUC4,6 Cryptosystem and Compared with Other RSA-Type Cryptosystem	Malaysian Journal of Mathematical Sciences	7	5	1-17		Scopus	1823-8343
154	M. R. K. Ariffin , M. A. Asbullah, N. A. Abu and Z. Mahad	A New Efficient Asymmetric Cryptosystem Based on the Integer Factorization Problem of $N = p_2q$	Malaysian Journal of Mathematical Sciences	7	5	19-37		Scopus	1823-8343

155	B.C. Tea, M.R.K. Ariffin and J.J. Chin	An Efficient Identification Scheme in Standard Model Based on the Diophantine Equation Hard Problem	Malaysian Journal of Mathematical Sciences	7	S	87- 99		Scopus	1823-8343
156	M. A. Daud and M. R. K. Ariffin	A New Efficient Analytically Proven Lossless Data Compression for Data Transmission Technique	Malaysian Journal of Mathematical Sciences	7	S	117-129		Scopus	1823-8343
157	Md. Nazrul Islam and Mahendran Shitan	Projection Of Human Immunodeficiency Virus Among High-Risk Groups In Malaysia	Japanese Journal Of Infectious Diseases	66	2013	421-424	1.507	Scopus, ISI Thomson	1344-6304
158	Kiliçman, A. , Borgohain, S.	Strongly almost lacunary i -convergent sequences	Abstract and Applied Analysis	2013	2013	art. no. 642535	1.102	Scopus, ISI Thomson	1085-3375
159	Khalid, I.K., Mokhtar, N.F.M., Ariffin, N.M.	Uniform solution on the combined effect of magnetic field and internal heat generation on rayleigh-Bénard convection in micropolar fluid	Journal of Heat Transfer	135	10	Article number 102502	1.718	Scopus, ISI Thomson	0022-1481
160	Mat Yasin, M.H., Ariffin, N.M. , Nazar, R., Ismail, F., Pop, I.	Mixed convection boundary layer flow embedded in a thermally stratified porous medium saturated by a nanofluid	Advances in Mechanical Engineering	2013	2013	Article number 121943	1.062	Scopus, ISI Thomson	1687-8132
161	Khalid, I.K., Mokhtar, N.F.M., Ariffin, N.M.	Rayleigh-Benard convection in micropolar fluid with feedback control effect	World Applied Sciences Journal	21	SPECIAL ISSUE	112-118		Scopus	1818-4952
162	Midi, H. , Rana, S., Imon, A.H.M.R.	On a robust estimator in heteroscedastic regression model in the presence of outliers	Lecture Notes in Engineering and Computer Science	1	LNECS	280-285		Scopus	2078-0958
163	Bachok, N. , Ishak, A., Nazar, R., Senu, N.	Stagnation-point flow over a permeable stretching/shrinking sheet in a copper-water nanofluid	Boundary Value Problems	2013	2013	Article number 39	0.922	Scopus, ISI Thomson	1687-2770
164	Ishak, F., Suleiman, M.B. , Majid, Z.A.	Block method for solving pantograph-type functional differential equations	Lecture Notes in Engineering and Computer Science	2	LNECS	948-952		Scopus	2078-0958
165	Azhar, A.K.M. , Gan, V.B.Y.	A dynamic balance sheet approach to measuring systemic risk	Intelligent Systems and Decision Making for Risk Analysis and Crisis Response - Proceedings of the 4th International Conference on Risk Analysis and Crisis Response, RACR 2013	2013	2013	925-931		Scopus	978-113800019-3
166	Monsi, M., Mohammad Rusli, S.F., Senu, N. , Ismail, F. , Ibrahim, Z.B.	On the convergence rate of interval repeated midpoint zero symmetric single-step procedure for simultaneous bounding the polynomial zeros	AIP Conference Proceedings	1557	2013	610-614		Scopus	0094-243X
167	Mohd Yatim, S.A., Ibrahim, Z.B. , Othman, K.I., Suleiman, M.	On the derivation of second order variable step variable order block backward differentiation formulae for solving stiff ODEs	AIP Conference Proceedings	1557	2013	335-338		Scopus	0094-243X
168	Wing, M.K., Senu, N. , Suleiman, M. , Ismail, F.	A three-stage dispersion and dissipation of order infinity Runge-Kutta-Nyström method for periodic IVPs	AIP Conference Proceedings	1557	2013	263-267		Scopus	0094-243X
169	Pourtaherian, H., Rakhimov, I.S.	On quasi-Armendariz properties on skew polynomial rings	AIP Conference Proceedings	1557	2013	8-11		Scopus	0094-243X
170	Jin, W.T., Md. Said, M.R. , Othman, M. , Feng, K.L.	A method to decrease computation time for fourth order Lucas sequence	AIP Conference Proceedings	1557	2013	55-58		Scopus	0094-243X
171	Mursaleen, M., Sharma, S.K., Kiliçman, A.	Sequence spaces defined by musielak-orlicz function over n -normed spaces	Abstract and Applied Analysis	2013	2013	Article number 364743	1.102	Scopus, ISI Thomson	1085-3375
172	Fadzil, N.A.M., Jaafar, A. , Abdullah, R., Murad, M.A.A.	Preliminary study of knowledge management implementation strategy for the automotive industry in Malaysia	Lecture Notes in Engineering and Computer Science	3 LNECS	2013	1560-1564		Scopus	2078-0958
173	Kasmuri, J., Bachok, N. , Ishak, A.	Boundary layer stagnation-point flow and heat transfer past a permeable exponentially shrinking sheet	AIP Conference Proceedings	1557	2013	345-349		Scopus	0094-243X
174	Atiyah, W.M.S., Mansor, M., Said Husain, S.K.	On modification of the interval zero symmetric single-step procedure IZSS1-5D for the simultaneously bounding of real polynomial zeros	AIP Conference Proceedings	1557	2013	272-275		Scopus	0094-243X
175	Mohd Zawawi, I.S., Ibrahim, Z.B. , Suleiman, M.	On the stability of diagonally implicit 2-point block backward differentiation formulae	AIP Conference Proceedings	1557	2013	315-319		Scopus	0094-243X
176	Rostami, M., Adam, M.B. , Ibrahim, N.A. , Yahya, M.H.	Slice sampling technique in Bayesian extreme of gold price modelling	AIP Conference Proceedings	1557	2013	473-477		Scopus	0094-243X
177	Mohd Amin, N.A., Adam, M.B. , Ibrahim, N.A. , Aris, A.Z.	Bayesian extreme modeling for non-stationary air quality data	AIP Conference Proceedings	1557	2013	424-428		Scopus	0094-243X
178	Bouseliana, H.M., Kiliçman, A.	On pairwise super continuous multifunctions	AIP Conference Proceedings	1557	2013	376-379		Scopus	0094-243X

179	Ariffin, L.M., Senu, N., Suleiman, M.	Third-order explicit two-step Runge-Kutta-Nyström method for solving second-order ordinary differential equations	AIP Conference Proceedings	1557	2013	326-329		Scopus	0094-243X
180	Aridi, M.R., Nik Long, N.M.A., Eshkuvatov, Z.K.	Formulation for multiple curved and kinked cracks problems in antiplane elasticity	AIP Conference Proceedings	1557	2013	215-219		Scopus	0094-243X
181	Ali, F.M., Nazar, R., Arifin, N.M., Pop, I.	Numerical solutions of Wang's stretching/shrinking sheet problem for nanofluids	AIP Conference Proceedings	1557	2013	330-334		Scopus	0094-243X
182	Kamel Ariffin, M.R.	The diophantine equation hard problem (DEHP) as an asymmetric primitive - Is it possible?	AIP Conference Proceedings	1557	2013	31-35		Scopus	0094-243X
183	Mohamad, M., Senu, N., Suleiman, M., Ismail, F.	A fifth order phase-fitted Runge-Kutta-Nyström method for periodic initial value problems	AIP Conference Proceedings	1557	2013	229-232		Scopus	0094-243X
184	Ho, Z.-F., Lee, L.-S., Majid, Z.A., Seow, H.-V.	An improved GRMODO heuristic for container loading problem	AIP Conference Proceedings	1557	2013	439-443		Scopus	0094-243X
185	Nik Long, N.M.A., Koo, L.F., Wong, T.J., Suali, M.	Effect of prescribed temperature on mixed convection boundary layer in the unsteady stagnation point flow toward a stretching vertical sheet	AIP Conference Proceedings	1557	2013	286-290		Scopus	0094-243X
186	Jamaludin, N., Monsi, M., Said Husain, S.K., Hassan, N.	The interval zero-symmetric single-step procedure IZSS2-5D for the simultaneous bounding of simple polynomial zeros	AIP Conference Proceedings	1557	2013	268-271		Scopus	0094-243X
187	Aini Mat, N.A., Arifin, N.M., Nazar, R., Ismail, F., Bachok, N.	MHD mixed convection flow of a power law nanofluid over a vertical stretching sheet with radiation effect	AIP Conference Proceedings	1557	2013	604-609		Scopus	0094-243X
188	Fitrianto, A., Jiin, R.L.T.	Several types of residuals in cox regression model: An empirical study	International Journal of Mathematical Analysis	7	53-56	2645-2654		Scopus	1312-8876
189	Bachok, N., Ishak, A., Pop, I.	Stagnation point flow toward a stretching/shrinking sheet with a convective surface boundary condition	Journal of the Franklin Institute	350	9	2736-2744	2.418	Scopus, ISI Thomson	0016-0032
190	Suleiman, M.B., Musa, H., Ismail, F., Senu, N.	A new variable step size block backward differentiation formula for solving stiff initial value problems	International Journal of Computer Mathematics	90	11	2391-2408	0.542	Scopus, ISI Thomson	0020-7160
191	Seyedzadegan, M., Othman, M., Ali, B.M., Subramaniam, S.	Zero-Degree algorithm for Internet GateWay placement in backbone wireless mesh networks	Journal of Network and Computer Applications	36	6	1705-1723	1.467	Scopus, ISI Thomson	1084-8045
192	Maulidiani, Abas, F., Khatib, A., Shitan, M., Shaari, K., Lajis, N.H.	Comparison of Partial Least Squares and Artificial Neural Network for the prediction of antioxidant activity in extract of Pegaga (Centella) varieties from 1H Nuclear Magnetic Resonance spectroscopy	Food Research International	54	1	852-860	3.005	Scopus, ISI Thomson	0963-9969
193	Rabiei, F., Ismail, F., Suleiman, M.	Improved runge-kutta methods for solving ordinary differential equations	Sains Malaysiana	42	11	1679-1687	0.408	Scopus, ISI Thomson	0126-6039
194	Moo, K.W., Senu, N., Ismail, F., Suleiman, M.	New phase-fitted and amplification-fitted fourth order and fifth-order runge-kutta-nyström methods for oscillatory problems	Abstract and Applied Analysis	2013	2013	Article number 939367	1.102	Scopus, ISI Thomson	1085-3375
195	Seyedzadegan, M., Othman, M., Borhanuddin, M.A., Shamala, S.	Internet gateway placement optimization in wireless mesh networks	Lecture Notes in Computer Science (Including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	8121	LNCS	318-331		Scopus	0302-9743
196	Tohidi, E., Pasban, A., Kilicman, A., Noghabi, S.L.	An efficient pseudospectral method for solving a class of nonlinear optimal control problems	Abstract and Applied Analysis	2013	2013	Article number 357931	1.102	Scopus, ISI Thomson	1085-3375
197	Al-Omari, S.K.Q., Kilicman, A.	On the generalized Hartley and Hartley-Hilbert transformations	Advances in Difference Equations	2013	2013	Article number 222	0.76	Scopus, ISI Thomson	1687-1847
198	Ghomanjani, F., Kilicman, A., Effati, S.	Numerical solution for IVP in volterra type linear integrodifferential equations system	Abstract and Applied Analysis	2013	2013	Article number 490689	1.102	Scopus, ISI Thomson	1085-3375
199	Inc, M., Akgül, A., Kilicman, A.	Numerical solutions of the second-order one-dimensional telegraph equation based on reproducing kernel hilbert space method	Abstract and Applied Analysis	2013	2013	Article number 768963	1.102	Scopus, ISI Thomson	1085-3375
200	Fitrianto, A., Daud, I.B., Ibrahim, N.A.	A proportional hazard model to figure out asian countries' food insecurity	Modern Applied Science	7	9	1-9		Scopus	1913-1844
201	Qureshi, B., Othman, M., Subramaniam, S., Wati, N.A.	QTCP: Improving Throughput Performance Evaluation with High-Speed Networks	Arabian Journal for Science and Engineering	38	10	2663-2691	0.385	Scopus, ISI Thomson	1319-8025
202	Bennell, J.A., Soon Lee, L., Potts, C.N.	A genetic algorithm for two-dimensional bin packing with due dates	International Journal of Production Economics	145	2	547-560	2.081	Scopus, ISI Thomson	0925-5273

203	Samat, F., Ahmat, N., Noar, N.A.Z., Suleiman, M.	Zero dissipative fourth-order explicit hybrid methods for solving second-order ordinary differential equations	International Journal of Applied Mathematics and Statistics	46	16	394-403		Scopus	0973-1377
204	Samat, F., Ismail, F., Suleiman, M.	Phase fitted and amplification fitted hybrid methods for solving second-order ordinary differential equations	IAENG International Journal of Applied Mathematics	43	3	99-105		Scopus	1992-9978
205	Shabanzadeh, P., Senu, N., Shameli, K., Ismail, F.	Application of artificial neural network (ann) for prediction diameter of silver nanoparticles biosynthesized in curcuma longa extract	Digest Journal of Nanomaterials and Biostructures	8	3	1133-1144	1.092	Scopus, ISI Thomson	1842-3582
206	Letchumanan, M., Muniandy, B.	Migrating to e-book: A study on perceived usefulness and ease of use	Library Hi Tech News	30	7	10-16		Scopus	0741-9058
207	Fitrianto, A., Hanafi, I.	On the performance of stepwise selection method in the presence of outlier	Far East Journal of Mathematical Sciences	79	1	77-90		Scopus	0972-0871
208	Hossain, A., Ahmad Tarmizi, R., Aziz, Z., Nordin, N.	Group learning effects and gender differences in mathematical performance	Croatian Journal of Education	15	SPECL,EDITION2	41-67	0.125	Scopus, ISI Thomson	1848-5189
209	Alireza Ghodsi, Mahendran Shitan	First-Order Fractionally Integrated Non-Separable Spatial Autoregressive (FINSSAR(1,1)) Model and Some of its Properties	Pakistan Journal of Statistics and Operation Research	9	1	1-16		Scopus	1816-2711
210	Hashim, N., Pflanz, M., Regen, C., Janius, R.B., Abdul Rahman, R., Osman, A., Shitan, M., Zude, M.	An approach for monitoring the chilling injury appearance in bananas by means of backscattering imaging	Journal of Food Engineering	116	1	28-36	2.276	Scopus, ISI Thomson	0260-8774
211	Hoo Yann Seong, Zanariah Abdul Majid, and Fudziah Ismail	Solving Second-Order Delay Differential Equations by Direct Adams-Moulton Method	Mathematical Problems in Engineering	2013	2013	Article ID 261240	1.383	Scopus, ISI Thomson	1024-123X
212	Chris Bambang Guure and Noor Akma Ibrahim	Methods for Estimating the 2-Parameter Weibull Distribution with Type-I Censored Data	Research Journal of Applied Sciences, Engineering and Technology	5	3	689-694		Scopus	2040-7459
213	Chris Bambang Guure and Noor Akma Ibrahim	Generalized Bayesian non-informative prior estimation of weibull parameter with interval censoring	ScienceAsia	395	2013	75-79	0.398	Scopus, ISI Thomson	1513-1874
214	Azzah Mohammad Alharpy and Noor Akma Ibrahim	Parametric Tests for Partly Interval-censored Failure Time Data under Weibull Distribution via Multiple Imputation	Journal of Applied Sciences	13	4	621-626		Scopus	1812-5654
215	Md. Nazrul Islam and Mahendran Shitan	Impact of Socio-Health Factors on Life Expectancy in the Low and Lower Middle Income Countries	Iranian Journal of Public Health	42	12	1354-1362	0.405	Scopus, ISI Thomson	2251-6085
216	Z.Mahad, M.R.K. Ariffin	AA β public key cryptosystem - A Practical Implementation of the New Asymmetric	International Journal of Digital Content Technology and its Applications	7	7	165-173		Scopus	1975-9339
217	M.R.K. Ariffin, Z. Mahad	AA β public key cryptosystem - A Comparative analysis against RSA and ECC	International Journal of Digital Content Technology and its Applications	7	7	165-173		Scopus	1975-9339
218	Karimi Dizicheh, A., Salahshour, S., Ismail, F.B.	A note on "numerical solutions of fuzzy differential equations by extended Runge-Kutta-like formulae of order 4"	Fuzzy Sets and Systems	233	2013	96-100	1.749	Scopus, ISI Thomson	0165-0114
219	Ibragimov G.I.	Optimal pursuit time for a differential game in the Hilbert space l_2	Science Asia	39	SUPPL.1	25-30	0.398	Scopus, ISI Thomson	1513-1874
220	Wah June Leong, Bean San Goh	Convergence and Stability of Line Search Methods for Unconstrained Optimization	Acta Applicandae Mathematicae	127	1	155-167	0.985	Scopus, ISI Thomson	0167-8019
221	Yow, K.S., Sapar, S.H., Atan, K.A.	On the diophantine equation $x^2 + 4.7b = y^2r$	Pertanika Journal of Science and Technology	21	2	443-458		Scopus	0128-7680
222	S. K. Q. Al-Omari and Adem Kilicman	On Modified Mellin Transform of Generalized Functions	Abstract and Applied Analysis	2013	Article ID 539240	6 pages	1.102	Scopus, ISI Thomson	1085-3375
223	Seyedeh Azadeh Safavi, Kamariah Abu Bakar, Rohani Ahmad Tarmizi, Nor Hayati Alwi	Faculty Perception of Improvements to Instructional Practices in Response to student Ratings	Educational Assessment, Evaluation and Accountability	25	2	143-153	0.147	Scopus, ISI Thomson	1874-8597
							115.149		

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

NO	AUTHORS	ARTICLE TITLE	JOURNAL TITLE	VOLUME	ISSUE	PAGES	INDEXING	ISSN
1	Zanariah Abdul Majid, Mohd Mughthi Hasni and Norazak Senu	Solving Second Order Linear Dirichlet and Neumann Boundary Value Problems by Block Method	IAENG International Journal of Applied Mathematics	43	2	IJAM_43_2_04	Math. Reviews and ZBLMath, British Library Direct, Google Scholar	1311-1728
2	Seyedeh Azadeh Safavi, Kamariah Abu Bakar, Rohani Ahmad Tarmizi, Nor Hayati Alwi	Did Student Ratings of Instruction achieve the Purpose for which they were intended? A Consequential Validity Investigation for Administrative Purposes	American International Journal of Contemporary Research	3	1	109-116	American International Journal of Contemporary Research (AIJCR), Ulrichsweb, EBSCOhost, Directory of Open Access Journals (DOAJ)	2162-139X

3	Amin H. Saif, Adem Kılıçman	On weaker forms for concepts in theory of topological groupoids	Journal of the Egyptian Mathematical Society	2013	21	57-62	ScienceDirect	1110-256X
4	Seyed Yasin Yazdi Amirkhiz, Kamariah Abu Bakar , Arshad Abd. Samad, Roselan Baki, Leila Mahmoudi	EFL/ESL Learners' Language Related Episodes (LREs) during Performing Collaborative Writing Tasks	Journal of Language Teaching and Research	4	3	473-479	Directory of Open Access Journals (DOAJ)	1798-4769
5	Pauline Mah Jin Wee and Mahendran Shitan	Modelling Rainfall Duration and Severity using Copula	Sri Lankan Journal of Applied Statistics	14	1	13-26	Google Scholar, Ulrichsweb Serials Solutions, Sri Lanka Journals Online, Asia	1391-4987
6	Ibrahim Nazem Ghadi, Kamariah Abu Bakar , Nor Hayati Alwi, Othman Talib	Measuring Critical Thinking Skills Of Undergraduate Students In Universiti Putra Malaysia	International Journal of Asian Social Science	3	6	1458-1466	Cabell's Dictionaries (USA) CAB Abstracts database (UK) J-Gate (India) Directory of Open Access Journals	2224-4441
7	M.S. Noraisah, I. Krishnarajah, N.A. Ibrahim and M.S. Lye	Trend Surface Analysis of Hand, Food and Mouth Disease in Sarawak	Research Journal of Environmental and Earth Sciences	5	6	337-341	Cornell University Library, Harold B. Lee Library, Academic Journals Database	2041-0484
8	H. Musa, M. B. Suleiman , F. Ismail, N. Senu , and Z. B. Ibrahim	An Accurate Block Solver for Stiff Initial Value Problems	ISRN Applied Mathematics	2013	2013	Article ID 567451	ABI/INFORM Complete, Academic OneFile, Academic Search Complete	2090-5564
9	Adenan Ayob, Kamariah Abu Bakar , Aida Suraya Md. Yunus	Kesan Penggunaan Peta minda Interaktif Dalam Penulisan Cerita	Jurnal Bahasa	Jan- Apr 2013	28	5-18	-	2070-1314
10	Leila Mahmoudi, Kamariah Abu Bakar	Iranian Pre-university English Teachers' Perceptions and Attitudes Towards the Iranian National University Entrance Exam: A Washback Study	International Journal Of Education & Literacy Studies	1	2	47-53	Academia.edu, CrossRef, CrossRef, Google Scholar, Internet Archive, iThenticate, LOCKSS National Library of Australia, OASPA	2202-9478
11	Zalina Mohd Ali, Noor Akma Ibrahim , Kerrie Mengersen, Mahendran Shitan , Hafizan Juahir	New Relative Importance of Water Quality Variables in Langat River	International Journal of Chemical and Environmental Engineering	4	1	25-31	Directory of Open Access Journals (DOAJ)	2078-0737
12	Md. Nazrul Islam Mondal, Mahendran Shitan	HIV/AIDS Epidemic in Malaysia: Vulnerability and Risk of Women	Asian Journal of Humanities and Social Sciences	1	5	274-283	Google Scholar	2321-2799
13	Seyedeh Azadeh Safavi, Kamariah Abu Bakar	The Utility of student Evaluations for Medical Sciences Teachers and Administrators	International Journal of Business and Social Science	4	13	266-272	Cabell Publishing, Ulrichsweb, Directory of Open Access Journals (DOAJ)	2219-1933

c. Total number of research books (4 chapters in research book(s) are equivalent to 1 research book) - excluding research books declared in Section E: Innovation

NO	AUTHORS	CHAPTER TITLE	PAGES	BOOK TITLE	BOOK EDITOR	PUBLISHER	ISBN
1	S. Jeeva Sathya Theesar, P. Balasubramaniam, and Santo Banerjee	Synchronization of Lur'e Systems via Delayed Feedback Control	557-565	Chaos and Complex Systems	Stavros G. Stavrinides, Santo Banerjee, Suleyman Hikmet Caglar, Mehmet Ozer	Springer	978-3-642-33914-1
2	Siti Ainor Mohd Yatim, Zarina Bibi Ibrahim , Khairil Iskandar Othman, Mohamed Suleiman	Solving Stiff Ordinary Differential Equations Using Extended Block Backward Differentiation Formulae	31-43	IAENG Transactions on Engineering Technologies Lecture Notes in Electrical Engineering	Gi-Chul Yang, Sio-long Ao, Len Gelman	Springer	978-94-007-6190-2
3	Baharrudin Zainal, Mat Rofa Ismail	Kosmologi dan Geopusatun Nurudin al-Raniri	1-14	Etnosains dan Etnamatematik Alam Melayu	Prof. Madya Dr. Mat Rofa Ismail	Penerbit Universiti Malaya	978-983-100-621-4
4	Mat Rofa Ismail	Ilmu Hikmah dalam Kajian Etnosains dan Etnomatematik Alam Melayu	67-102	Etnosains dan Etnamatematik Alam Melayu	Prof. Madya Dr. Mat Rofa Ismail	Penerbit Universiti Malaya	978-983-100-621-4
5	Mat Rofa Ismail	Retorik, Balaghah, Bahasa dan Etnomantik Melayu	179-218	Etnosains dan Etnamatematik Alam Melayu	Prof. Madya Dr. Mat Rofa Ismail	Penerbit Universiti Malaya	978-983-100-621-4

6	Mat Rofa Ismail	Mencari Paradigma Sains yang Bersepadu	273-306	Etnosains dan Etnamatematik Alam Melayu	Prof. Madya Dr. Mat Rofa Ismail	Penerbit Universiti Malaya	978-983-100-621-4
7	Zanariah Abdul Majid, Pang Pei See and Mohamed Suleiman	Implementation of Direct Method of Adams Moulton Type for Solving Two Point Boundary Value Problems	161-172	Essays on Mathematics and Statistics: Volume 3	Vladimir Akis	Athens Institute for Education and Research	978-960-9549-34-9

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

NO	AUTHORS	PAPER TITLE	PUBLICATION TYPE*	PAGES	CONFERENCE NAME	CONFERENCE VENUE	DATE
1	Kamariah Hj Abu Bakar, Ahmad Fauzi Mohd. Ayub, Wong Su Luan, Zaidatul Akmaliah Lope Pihie	Reforming higher education through student-centered learning (SCL) at universiti putra malaysia: Lecturers' perspectives	Conference Proceedings	140-144	2012 International Conference on Education Reform and Management Innovation	Shenzhen, China	4-5 Dec 2012
2	Fudziah Ismail, Sufia Zulfa Ahmad, Norazak Senu and Mohamed Suleiman	Optimized Hybrid Methods For Solving Oscillatory Initial Value Problems	Abstract Book	5	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
3	Hamideh Pourtaherian and Isamidin S. Rakhimov	The Quasi-Armenendarz Property On Skew Polynomial Rings	Abstract Book	6	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
4	Abdulafeez .Abdulkareem, Isamidin S. Rakhimov and Sharifah Kartini Said Husain	Isomorphism Classes And Invariants Of 7-Dimensional Complex Filiform Leibniz Algebras	Abstract Book	11	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
5	Muhammad Rezal Kamel Ariffin	The Diophantine Equation Hard Problem As An Asymmetric Primitive – Is It Possible?	Abstract Book	13	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
6	Aminudin S.S, Sapar S.H, Mohd Atan K.A	A Method Of Estimating The P-Adic Sizes Of Common Zeros Of Partial Derivative Polynomials Associated With A Complete Cubic Form	Abstract Book	13	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
7	Wong Tze Jin, Mohd. Rushdan Md Said, Mohamed Othman and Koo Lee Feng	A Method To Decrease The Computation Time For The Fourth Order Lucas Sequence	Abstract Book	21	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
8	F. Deraman, I.S. Rakhimov, S.K. Said Husain and S.H Sapar	The Description Of Orbits Under The Action (Transport Of Structure) Of G19 On Slb9	Abstract Book	22	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
9	Ural Dj. Bekbaev, Isamidin S. Rakhimov and Qabiljan K. Muminov	On Differential Invariants Of Some Classical Motion Groups	Abstract Book	25	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
10	Adem Kilicman	Integral Transforms And Theory Of Differential Equations	Abstract Book	26	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
11	Anvarjon Ahmedov and Ahmad Fadli Nurullah	On The Weak Localization Principle of the Eigenfunction Expansions of the Laplace-Beltrami Operator by Riesz Method	Abstract Book	39	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
12	Zahridin Muminov, Fudziah Ismail and Zainidin Eshkuvatov	On The Structure Of The Essential Spectrum Of Four-Particle Schrödinger Operators On A Lattice	Abstract Book	42	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
13	Hend M. Bouseliana and Adem Kilicman	On Pairwise Super Continuous Multifunctions	Abstract Book	47	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
14	Mohammed S. Mechee, Fudziah Ismail, Norazak Senu and Zailan Siri	Runge-Kutta Method For Solving Special Third Order Differential Equation	Abstract Book	58	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
15	Suzan J. Obaiys, Z.K. Eshkuvatov and N.M.A. Nik Long	Numerical Modeling Of Multiphase Flow In Porous Medium	Abstract Book	62	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
16	F. S. Zulkarnain, Z. K. Eshkuvatov and N. M. A. Nik Long	Modified Decomposition Method For Solving Nonlinear Fredholm-Volterra Integral Equation	Abstract Book	64	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
17	Asma Ali Elbeleze, Adem Kilicman , Bachok M. Taib	Application Of Homotopy Perturbation Method For Fractional Partial Differential Equations	Abstract Book	67	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
18	Noraishah M.S and Krishnarajah I.	Spatial Pattern of Hand, Food and Mouth Disease in Sarawak	Abstract Book	68	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
19	Z.K. Eshkuvatov1, N.M.A. Nik Long, Z. Muminov	Mixed Method For The Product Integral On The Infinite Interval	Abstract Book	69	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
20	Kuchkarov A.Sh., Ibragimov G.I., Sotvoldiev A.I.	On Control And Pursuit Problems For Linear Discrete Systems Under Total Constraints On Controls	Abstract Book	71	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
21	Sufia Zulfa Ahmad, Fudziah Ismail, Norazak Senu, and Mohamed Suleiman	Zero-Dissipative Phase-Fitted Hybrid Methods For Solving Oscillatory Second Order Ordinary Differential Equations	Abstract Book	72	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
22	Idham Arif Alias , Yusra Salleh and Abdulla Azamov	Evasion Differential Game Of Two Evaders And One Pursuer With Integral Constraints	Abstract Book	73	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
23	H. Musa, M. B. Suleiman, F. Ismail, N. Senu and Z. A. Majid	A New Fifth Order Implicit Block Method For Solving First Order Stiff Order Stiff Ordinary Differential Equations	Abstract Book	75	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013

24	Kuchkarov A.Sh., Ibragimov G.I. and Sotvoldiev A.I.	On Controllability And Pursuit Problems For Linear Discrete Systems Under Total Constraints On Controls	Abstract Book	77	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
25	Faranak Rabiee, Fudziah Ismail and S. Norazak	Exponentially-Fitted Runge-Kutta Nyström Method Of Order Three With Minimum Phase-Lag	Abstract Book	81	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
26	Fakhredin Abedi and Wah June Leong	On Exponential Stability Of Stochastic Control Systems	Abstract Book	81	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
27	Reza Afsharinafar, Fudziah Ismail, Mohamed Suleiman and Ali Ahmadian Hosseini	Extended Simpson Rule For Solving First Order Fuzzy Differential Equations Using Generalized Differentiability	Abstract Book	85	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
28	Nooraini Zainuddin, Zarina Bibi Ibrahim, Khairil Iskandar Othman and Yong Faezah Rahim	On Solutions Of Matrix Initial Value Problems By Using Differential Transform Method And Convolution	Abstract Book	86	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
29	Nooraini Zainuddin, Zarina Bibi Ibrahim, Khairil Iskandar Othman and Yong Faezah Rahim	Solution Of Second Order Ordinary Differential Equations By Direct Diagonally Implicit Block Methods	Abstract Book	90	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
30	Yusuf Dauda Jikantoro, Fudziah Ismail, Norazak Senu and Mohamed Suleiman	Extended Runge-Kutta 4(3) Embedded Method For The Solution Of First Order Odes	Abstract Book	90	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
31	Maryam Heydar, Mohd Rizam Abu Bakar, Ehsanollah Mansourirad and Leong Wah June	Fuzzy Weights In Data Envelopment Analysis	Abstract Book	91	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
32	Mohd Radzi Aridi, Nik Mohd Asri Nik Long and Eshkuvatov Zainidin	Multiple Curved and Kinked Cracks problems in Antiplane Elasticity	Abstract Book	93	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
33	Reza Moosavi Mohseni and Adem Kilicman	Bifurcation In An Open Economic System: Finding Chaos In Monetary Policy Rules	Abstract Book	94	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
34	Munirah Mohamad, Norazak Senu, Mohamed Suleiman and Fudziah Ismail	A Fifth Order Phase Fitted Runge-Kutta-Nyström Method For Periodic Initial Value Problems	Abstract Book	96	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
35	Nurzeehan Ismail, Zarina Bibi Ibrahim, Yong Faezah Rahim and Khairil Iskandar Othman	3-Point Block Backward Differentiation Formulas For Solving Fuzzy Differential Equations	Abstract Book	98	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
36	Aliasghar Kazemi nasab, Zohreh Pashazadeh Atabakan and Adem Kilicman	On The Solution Of Singular Ordinary Differential Equations	Abstract Book	100	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
37	Zohreh Pashazadeh Atabakan, Adem Kilicman and Aliasghar Kazemi Nasab	Spectral Homotopy Analysis Method For Solving Nonlinear Volterra Integro Differential Equations	Abstract Book	100	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
38	Ali Ahmadian, Mohamed Suleiman, Fudziah Ismail, Reza Afsharinafar and Soheil Salahshour	A Three Stage Fourth Order Runge-Kutta Composite Method For Solving Fuzzy Ordinary Differential Equations Using Characterization Theorem	Abstract Book	101	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
39	Yap Lee Ken, Fudziah Ismail and Norazak Senu	Block Methods With Off-Step Points For Solving First Order Ordinary Differential Equations	Abstract Book	108	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
40	Moo Kwong Wing, Norazak Senu, Fudziah Ismail and Mohamed Suleiman	A Fourth Order Phase-Fitted And Amplification-Fitted Runge-Kutta-Nyström Method For Oscillatory Problems	Abstract Book	112	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
41	Noraini Jamaludin, Mansor Monsi, Sharifah Kartini Said Husain and Nasruddin Hass	The Interval Zero-Symmetric Single-Step Procedure Izzs- 5δfor The Simultaneous Approximation Of Simple Polynomial Zeros	Abstract Book	115	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
42	Atiyah Wan Mohd Sham, Mansor Monsi and Sharifah Kartini Said Husain	On Modification Of The Interval Zero Symmetric Single-Step Procedure Izzs1-5δ For The Simultaneously Bounding The Polynomial Zeros	Abstract Book	116	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
43	Zanariah Abdul Majid, Hue Chi San and Mohamed Othman	Solving Delay Differential Equations By Adams Moulton Block Method Using Divided Difference Interpolation	Abstract Book	118	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
44	N.M.A. Nik Long, L.F. Koo, T. J. Wong and M. Su	Unsteady Stagnation Point Flow Toward A Stretching Vertical Sheet With Injection	Abstract Book	119	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
45	Phang Pei See, Zanariah Abdul Majid and Mohamed Suleiman	The Three-Step Of Adam's Method For Solving Two-Point Boundary Value Problems	Abstract Book	119	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
46	Gafurjan Ibragimov, Yusra Salleh	Construction The Evasion Strategy In The Differential Game Of Many Pursuers And One Evader With Integral Constraints	Abstract Book	121	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
47	Akzhigitova Meruyert, Eskendirov Sharip, Mohamed Othman and Umarova Zhanat	Mathematical modeling of Catalytic Reactor to Oxidize Gases	Abstract Book	122	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013

48	Iskandar Shah Mohd Zawawi, Zarina Bibi Ibrahim and Mohamed Suleiman	On The Stability Of Diagonally Implicit 2-Point Block Backward Differentiation Formulas	Abstract Book	125	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
49	Latifah Md Ariffin, Norazak Senu, Mohamed Suleiman	Third-Order Explicit Two-Step Runge-Kutta-Nyström Method For Solving Second-Order Ordinary Differential Equations	Abstract Book	125	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
50	Fadzilah Md Ali, Roslinda Nazar, Norihan Md Arifin and Ioan Pop	Numerical Solutions Of Wang's Stretching/Shrinking Sheet Problem For Nanofluids	Abstract Book	126	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
51	Siti Ainor Mohd Yatim, Zarina Bibi Ibrahim, Khairil Iskandar Othman and Mohamed Suleiman	On The Derivation Of Second Order Variable Step Variable Order Block Backward Differentiation Formulae For Solving Stiff Odes	Abstract Book	128	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
52	Juliana Kashuri, Noriffah Bachok and Anuar Ishak	Boundary Layer Stagnation-Point Flow And Heat Transfer Past A Permeable Exponentially Shrinking Sheet	Abstract Book	130	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
53	Nor AzianAini Mat, Norihan Md. Arifin, Roslinda Nazar, Fudziah Ismail and Noriffah Bachok	Magnetic Field And Radiation Effects On Mixed Convection And Power-Law Fluid With A Nanofluid	Abstract Book	133	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
54	Nor Azrita binti Mohd Amin and Mohd Bakri bin Adam	Bayesian Extreme Modelling For Non-Stationary Data	Abstract Book	141	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
55	Hossein Riazaoshams and Habshah Midi	Application Of Robust Nonlinear Regression, Case Study For Modeling The Greenhouse Gases, Methane And Carbon Dioxide, Concentration In Atmosphere	Abstract Book	144	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
56	Ziao Fung Ho, Lai Soon Lee, Zanariah Abdul Majid and Hsin Vonn Seow	An Improved Grmod Heuristic For Container Loading Problem	Abstract Book	146	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
57	Mohammad Rostami and Adam, M.B	Slice Sampling Techniques in Bayesian Extreme	Abstract Book	153	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
58	Habshah Midi and Hassan S. Uraibi	Robust Forward Selection Procedure Based On Robust Covariance Matrix (Rfch) Estimator	Abstract Book	184	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
59	Nazziwa Aisha, Mohd Bakri Adam and Aida Mustafa	Bayesian Network Modelling of Upper gastrointestinal Bleeding	Abstract Book	187	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
60	Nor Mazlina Abu Bakar and Habshah Midi	Robust-Diagnostic Identification of Outliers for Panel Data	Abstract Book	187	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
61	Anwar Fitrianto and Habshah Midi	Standardized Simple Mediation Model: A Numerical Example	Abstract Book	188	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
62	Fauzia Taweab, Noor Akma Ibrahim, Mohd Rizam and Jayanthi Arasan	Non- Mixture Cure Model For Interval Censored Data	Abstract Book	190	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
63	Noraini Md Nusi, Mohamed Othman, Mohamed Suleiman, Fudziah Ismail and Norma Alias	Parallel Implementation Of The Half-Sweep Wave-Equation Finite-Difference Time-Domain Method Using Mpi Interface	Abstract Book	195	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
64	Najlae F. Hameed Al-Saffar and Mohamad Rushdan Md Said	On Non-Adjacent Form	Abstract Book	196	International Conference on Mathematical Sciences and Statistics 2013 ICMSS2013	Sunway Putra Hotel, Kuala Lumpur	5-7 Feb 2013
65	Kamariah Abu Bakar, Ahmad Fauzi Mohd Ayub, Rohani Ahmad Tarmizi, Wong Su Luan	Effects Of Geogebra on Mathematics Performance of Students with Different Types of Visualization	Abstract Book	31	International Conference on Computing, Mathematics and Statistics 2013 iCMS2013	Bayview Beach Resort Penang, Malaysia	28-29 Ogos 2013
66	Ahmad Fauzi Mohd Ayub, Kamariah Abu Bakar, Nadia Hidayah Mohd Ariffin	Factors Influencing Mathematics teachers' Attitudes towards using ICT for Teaching and Learning	Abstract Book	34	International Conference on Computing, Mathematics and Statistics 2013 iCMS2013	Bayview Beach Resort Penang, Malaysia	28-29 Ogos 2013
67	Ibrahim Nazem Ghadi, Kamariah Abu Bakar, Nor Hayati Alwi, Othman Talib	Gender Analysis of Critical Thinking Disposition Instrument among University Putra Malaysia Undergraduate Students	Conference Proceedings	27-33	The 9th International Conference on Educational Technologies (EDUTE'13)	Kuala Lumpur, Malaysia	2-4 April 2013
68	Pof. Madya Dr. Mat Rofa Ismail	Catatan: Kerajaan Uthmaniyyah Turki dalam Kenangan	Articles in Magazines	24-28	IMAN: BIL 21 TAHUN 2013	Bang, Selangor	Tahun 2013
69	Isamidin S. Rakhimov	A Short Review On Algebraic Statistics	Abstract Book	20	Statistics and Operational Research International Conference 2013 (SORIC 2013)	Kuching, Sarawak	3-5 Dec 2013

70	Maryam Heydar, Mohd Rizam Abu Bakar, Wah-June Leong	Production Heuristics Comparison Using Data Envelopment Analysis	Abstract Book	21	Statistics and Operational Research International Conference 2013 (SORIC 2013)	Kuching, Sarawak	3-5 Dec 2013
71	Ali Mirsalehy, Mohd Rizam Abu Bakar, Azmi Jaafar, Lai-Soon Lee	The Centralised Resource Allocation Enhanced Add Model	Abstract Book	22	Statistics and Operational Research International Conference 2013 (SORIC 2013)	Kuching, Sarawak	3-5 Dec 2013
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4	Prof. Dr. Aida Suraya Md. Yunus, Dr. Khamurudin Mohd. Noor, Prof. Dr. Wan Zah Wan Ali, Prof. Madya. Dr. Alyani Ismail, Prof. Madya Dr. Normahdiah Sheik Said, Dr. Habibah Ab. Jalil, Prof. Dr. Kamariah Abu Bakar , Prof. Dr. Nazamid Saari, Dr. Tajul Aripin Sulaiman	Assessment of Learning Outcomes The Guidebook Acknowledgement	UPM	978-967-960-331-6