

2013

NO	AUTHORS	ARTICLE TITLE	JOURNAL TITLE	INDEXING	
1	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	Scopus, ISI Thomson	Q1
2	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	Scopus, ISI Thomson	Q1
3	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	Scopus, ISI Thomson	Q2
4	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	Scopus, ISI Thomson	Q2
5	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	Scopus, ISI Thomson	Q2
6	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	Scopus, ISI Thomson	Q1

7	Sarkhosh Seddighi Chaharborj, Fudziah Ismail , Fakhreddin Abedi and Mahendran Shitan	Quadrupole mass filter with fuzzy initial conditions	Advances in Difference Equations	Scopus, ISI Thomson	Q1
8	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	Scopus, ISI Thomson	Q2
9	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	Scopus, ISI Thomson	Q1
10	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	Scopus, ISI Thomson	Q1
11	Norfifah Bachok , Anuar Ishak and Ioan Pop	Boundary layer stagnation-point flow towards a stretching/shrinking sheet in a nanofluid	Journal of Heat Transfer	Scopus, ISI Thomson	Q2
12	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	Scopus, ISI Thomson	Q2
13	Bachok, N. , Ishak, A., Pop, I.	Mixed Convection Boundary Layer Flow over a Moving Vertical Flat Plate in an	PLoS ONE	Scopus, ISI Thomson	Q1

		External Fluid Flow with Viscous Dissipation Effect			
14	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	Scopus, ISI Thomson	Q2
15	Ashrafi, A., Seow, H.-V., Lee, L.S. , Lee, C.G.	The efficiency of the hotel industry in Singapore	Tourism Management	Scopus, ISI Thomson	Q1
16	Abedi, F., Leong, W.J. , Seddighi Chaharborj, S.	On the asymptotical and practical stability of stochastic control systems	Mathematical Problems in Engineering	Scopus, ISI Thomson	Q2
17	Mursaleen, M., Kiliçman, A.	Korovkin second theorem via B -statistical A -summability	Abstract and Applied Analysis	Scopus, ISI Thomson	Q1
18	Inc, M., Akgül, A., Kiliçman, A.	A novel method for solving KdV equation based on reproducing kernel hilbert space method	Abstract and Applied Analysis	Scopus, ISI Thomson	Q1
19	Shrideh Khalaf Qasem Al-Omari, Adem Kiliçman	An estimate of Sumudu transforms for Boehmians	Advances in Difference Equations	ISI Thomson	Q1
20	Karadeniz Gözeri, G., Pekin, A., Kiliçman, A.	On the transcendence of some power series	Advances in Difference Equations	Scopus, ISI Thomson	Q1

21	Mariasebastin Maria Susai Manuel, Adem Kiliçman , Gnanadhass Britto Antony Xavier, Rajan Pugalarasu and Devadanam Suseela Dilip	An application on the second-order generalized difference equations	Advances in Difference Equations	ISI Thomson	Q1
22	Kazemi Nasab, A., Kiliçman, A. , Babolian, E., Pashazadeh Atabakan, Z.	Wavelet analysis method for solving linear and nonlinear singular boundary value problems	Applied Mathematical Modelling	Scopus, ISI Thomson	Q1
23	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	Scopus, ISI Thomson	Q1
24	Toutounian, F., Tohidi, E., Kilicman, A.	Fourier operational matrices of differentiation and transmission: Introduction and applications	Abstract and Applied Analysis	Scopus, ISI Thomson	Q1
25	Inc, M., Akgül, A., Kiliçman, 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	Scopus, ISI Thomson	Q1
26	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	Scopus, ISI Thomson	Q1
27	Abedi, F., Leong, W.J.	On exponential stability of composite stochastic control systems	Abstract and Applied Analysis	Scopus, ISI Thomson	Q1

28	Elbeleze, A.A., Kiliçman, A. , Taib, B.M.	Homotopy perturbation method for fractional black-scholes european option pricing equations using sumudu transform	Mathematical Problems in Engineering	Scopus, ISI Thomson	Q2
29	Serkan Araci, Mehmet Acikgoz and Adem Kiliçman	Extended r-adic q-invariant integrals on Z_p associated with applications of umbral calculus	Advances in Difference Equations	Scopus, ISI Thomson	Q1
30	Pashazadeh Atabakan, Z., Kazemi Nasab, A., Kiliçman, A. , Eshkuvatov, Z.K.	Numerical solution of nonlinear fredholm integro-differential equations using spectral homotopy analysis method	Mathematical Problems in Engineering	Scopus, ISI Thomson	Q2
31	Rabiei, F., Ismail, F. , Ahmadian, A., Salahshour, S.	Numerical solution of second-order fuzzy differential equation using improved runge-kutta nystrom method	Mathematical Problems in Engineering	Scopus, ISI Thomson	Q2
32	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	Scopus, ISI Thomson	Q2
33	Ghosh, D., Banerjee, S.	Projective synchronization of time-varying delayed neural network with adaptive scaling factors	Chaos, Solitons and Fractals	Scopus, ISI Thomson	Q2
34	Muminov, Z., Ismail, F. , Eshkuvatov, Z. , Rasulov, J.	On the discrete spectrum of a model operator in fermionic fock space	Abstract and Applied Analysis	Scopus, ISI Thomson	Q1
35	Atangana, A., Kiliçman, A.	A novel integral operator transform and its application	Mathematical Problems in Engineering	Scopus, ISI Thomson	Q2

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36	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	Scopus, ISI Thomson	Q2
37	Nik Long, N.M.A. , Khaldjigitov, A.A., Adambaev, U.	On the constitutive relations for isotropic and transversely isotropic materials	Applied Mathematical Modelling	Scopus, ISI Thomson	Q1
38	Rana, S., Midi, H. , Fitrianto, A.	Statistical significance of rank regression	Applied Mathematical Sciences	Scopus, ISI Thomson	Q1
39	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	Scopus, ISI Thomson	Q1
40	Pashazadeh Atabakan, Z., Kazemi Nasab, A., Kiliçman, A.	On solution of Fredholm integrodifferential equations using composite chebyshev finite difference method	Abstract and Applied Analysis	Scopus, ISI Thomson	Q1
41	Nik Mohd Asri Nik Long , Leefeng Koo, Tze Jin Wong, and Melini Suali	Mixed convection boundary layers with prescribed temperature in the unsteady stagnation point flow toward a stretching vertical sheet	Mathematical Problems in Engineering	Scopus, ISI Thomson	Q2
42	Kuchkarov, A., Ibragimov, G. , Sotvoldiev, A.	Linear discrete pursuit game problem with total constraints	Abstract and Applied Analysis	Scopus, ISI Thomson	Q1

43	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	Scopus, ISI Thomson	Q2
44	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	Scopus, ISI Thomson	Q2
45	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	Scopus, ISI Thomson	Q2
46	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	Scopus, ISI Thomson	Q2
47	Kumar, D., Singh, J., Kiliçman, A.	An efficient approach for fractional Harry Dym equation by using Sumudu transform	Abstract and Applied Analysis	Scopus, ISI Thomson	Q1
48	Al-Omari, S.K.Q., Kiliçman, A.	Unified treatment of the Krätzel transformation for generalized functions	Abstract and Applied Analysis	Scopus, ISI Thomson	Q1
49	Jeeva Sathya Theesar, S., Ariffin, M.R.K. , Banerjee, S.	Synchronization and a secure communication scheme using optical star network	Optics and Laser Technology	Scopus, ISI Thomson	Q2
50	Priscilla Moses, Su Luan Wong, Kamariah Abu Bakar , Roanaini Mahmud	Perceived Usefulness and Perceived Ease of Use: Antecedents of Attitude	Asia-Pacific Education Researcher	Scopus, ISI Thomson	Q2

		Towards Laptop Use Among Science and Mathematics Teachers in Malaysia			
51	Al-Omari, S.K.Q., Kılıçman, A.	Some remarks on the extended hartley-hilbert and fourier-hilbert transforms of boehmians	Abstract and Applied Analysis	Scopus, ISI Thomson	Q1
52	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	Scopus, ISI Thomson	Q2
53	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	Scopus, ISI Thomson	Q1
54	Kiliçman, A. , Borgohain, S.	Strongly almost lacunary i - convergent sequences	Abstract and Applied Analysis	Scopus, ISI Thomson	Q1
55	Khalid, I.K., Mokhtar, N.F.M., Arifin, 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	Scopus, ISI Thomson	Q2
56	Mat Yasin, M.H., Arifin, 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	Scopus, ISI Thomson	Q2

57	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	Scopus, ISI Thomson	Q2
58	Mursaleen, M., Sharma, S.K., Kiliçman, A.	Sequence spaces defined by musielak-orlicz function over n -normed spaces	Abstract and Applied Analysis	Scopus, ISI Thomson	Q1
59	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	Scopus, ISI Thomson	Q1
60	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	Scopus, ISI Thomson	Q2
61	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	Scopus, ISI Thomson	Q1
62	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	Scopus, ISI Thomson	Q1
63	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	Scopus, ISI Thomson	Q1

64	Al-Omari, S.K.Q., Kiliçman, A.	On the generalized Hartley and Hartley-Hilbert transformations	Advances in Difference Equations	Scopus, ISI Thomson	Q1
65	Ghomanjani, F., Kiliçman, A. , Effati, S.	Numerical solution for IVP in volterra type linear integrodifferential equations system	Abstract and Applied Analysis	Scopus, ISI Thomson	Q1
66	Inc, M., Akgül, A., Kiliçman, A.	Numerical solutions of the second-order one-dimensional telegraph equation based on reproducing kernel hilbert space method	Abstract and Applied Analysis	Scopus, ISI Thomson	Q1
67	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	Scopus, ISI Thomson	Q1
68	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	Scopus, ISI Thomson	Q2
69	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	Scopus, ISI Thomson	Q1
70	Hoo Yann Seong, Zanariah Abdul Majid, and Fudziah Ismail	Solving Second-Order Delay Differential Equations by Direct Adams-Moulton Method	Mathematical Problems in Engineering	Scopus, ISI Thomson	Q2
71	Karimi Dizicheh, A., Salahshour, S., Ismail, F.B.	A note on "numerical solutions of fuzzy differential equations	Fuzzy Sets and Systems	Scopus, ISI Thomson	Q1

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72	Wah June Leong , Bean San Goh	Convergence and Stability of Line Search Methods for Unconstrained Optimization	Acta Applicandae Mathematicae	Scopus, ISI Thomson	Q2
73	S. K. Q. Al-Omari and Adem Kilicman	On Modified Mellin Transform of Generalized Functions	Abstract and Applied Analysis	Scopus, ISI Thomson	Q1