

Mohsen Razzaghi

List of Publications by Year in descending order

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217
papers

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times ranked

1560
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#	ARTICLE	IF	CITATIONS
1	Highly accurate solutions for space-time fractional Schrödinger equations with non-smooth continuous solution using the hybrid clique functions. <i>Mathematical Sciences</i> , 2023, 17, 31-42.	1.0	7
2	Orthonormal piecewise Bernoulli functions: Application for optimal control problems generated using fractional integro-differential equations. <i>JVC/Journal of Vibration and Control</i> , 2023, 29, 1164-1175.	1.5	9
3	An approach to solve fractional optimal control problems via fractional-order Boubaker wavelets. <i>JVC/Journal of Vibration and Control</i> , 2023, 29, 1806-1819.	1.5	6
4	Solution of optimal control problems governed by volterra integral and fractional integro-differential equations. <i>JVC/Journal of Vibration and Control</i> , 2023, 29, 3796-3808.	1.5	6
5	Least squares support vector regression for solving Volterra integral equations. <i>Engineering With Computers</i> , 2022, 38, 789-796.	3.5	7
6	Fractional-Lucas optimization method for evaluating the approximate solution of the multi-dimensional fractional differential equations. <i>Engineering With Computers</i> , 2022, 38, 481-495.	3.5	7
7	Orthonormal Bernoulli polynomials for space-time fractal-fractional modified Benjamin-Bona-Mahony type equations. <i>Engineering With Computers</i> , 2022, 38, 3483-3496.	3.5	5
8	A new class of orthonormal basis functions: application for fractional optimal control problems. <i>International Journal of Systems Science</i> , 2022, 53, 240-252.	3.7	9
9	Jacobi spectral method for variable-order fractional Benney-Lin equation arising in falling film problems. <i>Journal of Computational and Applied Mathematics</i> , 2022, 402, 1138-1153.	1.1	6
10	Extended Chebyshev cardinal wavelets for nonlinear fractional delay optimal control problems. <i>International Journal of Systems Science</i> , 2022, 53, 1048-1067.	3.7	7
11	Fractional-order Chebyshev wavelet method for variable-order fractional optimal control problems. <i>Mathematical Methods in the Applied Sciences</i> , 2022, 45, 827.	1.2	6
12	Fractional-order generalized Taylor wavelet method for systems of nonlinear fractional differential equations with application to human respiratory syncytial virus infection. <i>Soft Computing</i> , 2022, 26, 165-173.	2.1	6
13	Numerical solutions for distributed-order fractional optimal control problems by using generalized fractional-order Chebyshev wavelets. <i>Nonlinear Dynamics</i> , 2022, 108, 265-277.	2.7	13
14	A SPECTRAL APPROACH FOR TIME-FRACTIONAL DIFFUSION AND SUBDIFFUSION EQUATIONS IN A LARGE INTERVAL. <i>Mathematical Modelling and Analysis</i> , 2022, 27, 19-40.	0.7	0
15	Third-kind Chebyshev cardinal functions for variable-order time fractional RLW-Burgers equation. <i>Mathematical Methods in the Applied Sciences</i> , 2022, 45, 5670-5681.	1.2	4
16	Numerical solutions for distributed-order fractional optimal control problems by using Legendre wavelets. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2022, 478, .	1.0	2
17	Application of the extended Chebyshev cardinal wavelets in solving fractional optimal control problems with ABC fractional derivative. <i>International Journal of Systems Science</i> , 2022, 53, 2694-2708.	3.7	6
18	Numerical solutions for fractional optimal control problems by using generalised fractional-order Chebyshev wavelets. <i>International Journal of Systems Science</i> , 2022, 53, 778-792.	3.7	3

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19	Pseudo-operational matrix method for the solution of variable-order fractional partial integro-differential equations. <i>Engineering With Computers</i> , 2021, 37, 1791.	3.5	37
20	Combination of Lucas wavelets with Legendre's Gauss quadrature for fractional Fredholm-Volterra integro-differential equations. <i>Journal of Computational and Applied Mathematics</i> , 2021, 382, 113070.	1.1	29
21	Modified wavelet method for solving fractional variational problems. <i>JVC/Journal of Vibration and Control</i> , 2021, 27, 582-596.	1.5	10
22	A novel direct method based on the Lucas multiwavelet functions for variable-order fractional reaction-diffusion and subdiffusion equations. <i>Numerical Linear Algebra With Applications</i> , 2021, 28, e2346.	0.9	17
23	A generalized fractional-order Chebyshev wavelet method for two-dimensional distributed-order fractional differential equations. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2021, 95, 105597.	1.7	33
24	A fractional-order generalized Taylor wavelet method for nonlinear fractional delay and nonlinear fractional pantograph differential equations. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 4156-4175.	1.2	15
25	A numerical method based on fractional-order generalized Taylor wavelets for solving distributed-order fractional partial differential equations. <i>Applied Numerical Mathematics</i> , 2021, 160, 349-367.	1.2	21
26	Taylor wavelet method for fractional delay differential equations. <i>Engineering With Computers</i> , 2021, 37, 231-240.	3.5	29
27	A numerical method for solving variable-order fractional diffusion equations using fractional-order Taylor wavelets. <i>Numerical Methods for Partial Differential Equations</i> , 2021, 37, 2668-2686.	2.0	1
28	An improved numerical technique for distributed-order time-fractional diffusion equations. <i>Numerical Methods for Partial Differential Equations</i> , 2021, 37, 2490-2510.	2.0	2
29	Hybrid Vessel Extraction Method Based on Tight-Frame and EM Algorithms by Using 2D Dual Tree Complex Wavelet. <i>Informatica</i> , 2021, , 1-22.	1.5	1
30	Study of B-spline collocation method for solving fractional optimal control problems. <i>Transactions of the Institute of Measurement and Control</i> , 2021, 43, 2425-2437.	1.1	3
31	Orthonormal shifted discrete Chebyshev polynomials: Application for a fractal-fractional version of the coupled Schrödinger-Boussinesq system. <i>Chaos, Solitons and Fractals</i> , 2021, 143, 110570.	2.5	9
32	Numerical investigation of variable-order fractional Benjamin-Bona-Mahony-Burgers equation using a pseudo-spectral method. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 8669-8683.	1.2	5
33	Fractional-order generalized Legendre wavelets and their applications to fractional Riccati differential equations. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2021, ,	0.4	1
34	Vieta-Lucas polynomials for the coupled nonlinear variable-order fractional Ginzburg-Landau equations. <i>Applied Numerical Mathematics</i> , 2021, 165, 442-458.	1.2	11
35	Piecewise Chebyshev cardinal functions: Application for constrained fractional optimal control problems. <i>Chaos, Solitons and Fractals</i> , 2021, 150, 111118.	2.5	21
36	Legendre wavelet method for fractional delay differential equations. <i>Applied Numerical Mathematics</i> , 2021, 168, 127-142.	1.2	20

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37	Fractional-order Boubaker wavelets method for solving fractional Riccati differential equations. Applied Numerical Mathematics, 2021, 168, 221-234.	1.2	14
38	A numerical approach for a class of nonlinear optimal control problems with piecewise fractional derivative. Chaos, Solitons and Fractals, 2021, 152, 111465.	2.5	14
39	Numerical Technique for Solving Fractional Generalized Pantograph-Delay Differential Equations by Using Fractional-Order Hybrid Bessel Functions. International Journal of Applied and Computational Mathematics, 2020, 6, 1.	0.9	12
40	A numerical method for fractional pantograph differential equations based on Taylor wavelets. Transactions of the Institute of Measurement and Control, 2020, 42, 1334-1344.	1.1	27
41	Application of fractional Gegenbauer functions in variable-order fractional delay-type equations with non-singular kernel derivatives. Chaos, Solitons and Fractals, 2020, 140, 110111.	2.5	10
42	An effective method for solving nonlinear fractional differential equations. Engineering With Computers, 2020, , 1.	3.5	4
43	The novel operational matrices based on 2D-Genocchi polynomials: solving a general class of variable-order fractional partial integro-differential equations. Computational and Applied Mathematics, 2020, 39, 1.	1.0	8
44	Numerical Simulation of Flow over Non-Linearly Stretching Sheet Considering Chemical Reaction and Magnetic Field. Mathematics, 2020, 8, 1496.	1.1	1
45	Fractional-Order Genocchiâ€“Petrovâ€“Galerkin Method for Solving Timeâ€“Space Fractional Fokkerâ€“Planck Equations Arising from the Physical Phenomenon. International Journal of Applied and Computational Mathematics, 2020, 6, 1.	0.9	7
46	Derivative-orthogonal wavelets for discretizing constrained optimal control problems. International Journal of Systems Science, 2020, 51, 786-810.	3.7	2
47	Fractional-order Bessel wavelet functions for solving variable order fractional optimal control problems with estimation error. International Journal of Systems Science, 2020, 51, 1032-1052.	3.7	30
48	Computational method for generalized fractional Benjaminâ€“Bonaâ€“Mahonyâ€“Burgers equations arising from the propagation of water waves. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	0.8	5
49	NUMERICAL SOLUTION OF VARIABLE-ORDER TIME FRACTIONAL WEAKLY SINGULAR PARTIAL INTEGRO-DIFFERENTIAL EQUATIONS WITH ERROR ESTIMATION. Mathematical Modelling and Analysis, 2020, 25, 680-701.	0.7	12
50	Approximation of solutions of polynomial partial differential equations in two independent variables. Journal of Computational and Applied Mathematics, 2019, 346, 205-223.	1.1	3
51	Application of the modified operational matrices in multiterm variableâ€“order timeâ€“fractional partial differential equations. Mathematical Methods in the Applied Sciences, 2019, 42, 7296-7313.	1.2	28
52	On the applicability of Genocchi wavelet method for different kinds of fractionalâ€“order differential equations with delay. Numerical Linear Algebra With Applications, 2019, 26, e2259.	0.9	27
53	Approximate solutions for the Bagley-Torvik fractional equation with boundary conditions using the Polynomial Least Squares Method. ITM Web of Conferences, 2019, 29, 01011.	0.4	3
54	Hybrid approximations for fractional calculus. ITM Web of Conferences, 2019, 29, 01001.	0.4	1

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55	The Bernoulli wavelets operational matrix of integration and its applications for the solution of linear and nonlinear problems in calculus of variations. <i>Applied Mathematics and Computation</i> , 2019, 351, 83-98.	1.4	23
56	Legendre wavelets approach for numerical solutions of distributed order fractional differential equations. <i>Applied Mathematical Modelling</i> , 2019, 70, 350-364.	2.2	76
57	A numerical technique for solving various kinds of fractional partial differential equations via Genocchi hybrid functions. <i>Revista De La Real Academia De Ciencias Exactas, Físicas Y Naturales - Serie A: Matematicas</i> , 2019, 113, 3297-3321.	0.6	19
58	Hybrid functions for numerical solution of fractional Fredholm-Volterra functional integro-differential equations with proportional delays. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , 2019, 32, e2606.	1.2	11
59	Fractional-order Bessel functions with various applications. , 2019, 64, 637-662.		15
60	The Taylor wavelets method for solving the initial and boundary value problems of Bratu-type equations. <i>Applied Numerical Mathematics</i> , 2018, 128, 205-216.	1.2	51
61	Combined Shearlet Shrinkage and Total Variation Minimization for Image Denoising. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 31-37.	0.7	4
62	An Approximate Method for Solving a Vibration Equation Involving Fractional Derivatives. <i>Springer Proceedings in Physics</i> , 2018, , 13-19.	0.1	1
63	An approximate method for solving fractional optimal control problems by hybrid functions. <i>JVC/Journal of Vibration and Control</i> , 2018, 24, 1621-1631.	1.5	44
64	Nonlinear Constrained Optimal Control Problems and Cardinal Hermite Interpolant Multiscaling Functions. <i>Asian Journal of Control</i> , 2018, 20, 558-567.	1.9	9
65	An approximate method for solving fractional optimal control problems by the hybrid of block-pulse functions and Taylor polynomials. <i>Optimal Control Applications and Methods</i> , 2018, 39, 873-887.	1.3	19
66	A numerical scheme for problems in fractional calculus. <i>ITM Web of Conferences</i> , 2018, 20, 02001.	0.4	1
67	An Efficient Method for Numerical Solutions of Distributed-Order Fractional Differential Equations. <i>Journal of Computational and Nonlinear Dynamics</i> , 2018, 13, .	0.7	15
68	Fractional-order Legendre-Laguerre functions and their applications in fractional partial differential equations. <i>Applied Mathematics and Computation</i> , 2018, 336, 433-453.	1.4	66
69	Numerical solutions of fractional differential equations by using fractional Taylor basis. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2017, 4, 98-106.	8.5	24
70	Solutions of the Blasius and MHD Falkner-Skan boundary-layer equations by modified rational Bernoulli functions. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2017, 27, 1687-1705.	1.6	8
71	Cardinal Hermite interpolant multiscaling functions for solving a parabolic inverse problem. <i>Turkish Journal of Mathematics</i> , 2017, 41, 1009-1026.	0.3	4
72	Analysis of Multi-delay and Piecewise Constant Delay Systems by Hybrid Functions Approximation. <i>Differential Equations and Dynamical Systems</i> , 2016, 24, 1-20.	0.5	34

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73	Solution of Laneâ€Emden type equations using rational Bernoulli functions. <i>Mathematical Methods in the Applied Sciences</i> , 2016, 39, 1268-1284.	1.2	9
74	Numerical solution of distributed order fractional differential equations by hybrid functions. <i>Journal of Computational Physics</i> , 2016, 315, 169-181.	1.9	109
75	A numerical solution for fractional optimal control problems via Bernoulli polynomials. <i>JVC/Journal of Vibration and Control</i> , 2016, 22, 3889-3903.	1.5	75
76	The Numerical Solution of the Bagleyâ€Torvik Equation With Fractional Taylor Method. <i>Journal of Computational and Nonlinear Dynamics</i> , 2016, 11, .	0.7	18
77	Numerical solution of the fractional Bagley-Torvik equation by using hybrid functions approximation. <i>Mathematical Methods in the Applied Sciences</i> , 2016, 39, 353-365.	1.2	43
78	Numerical solution of nonlinear fractional integro-differential equations by hybrid functions. <i>Engineering Analysis With Boundary Elements</i> , 2015, 56, 81-89.	2.0	31
79	Improvement of Polyester Blanket Thermal Insulator Properties Using Phenolic Aerogel. , 2015, 11, 522-526.		1
80	Cellulose Cork/phenolic Aerogel Nanocomposites as a Lightweight Thermal Insulator. , 2015, 11, 527-530.		5
81	Sparse representation of system of Fredholm integro-differential equations by using alpert multiwavelets. <i>Computational Mathematics and Mathematical Physics</i> , 2015, 55, 1468-1483.	0.2	18
82	Hybrid Functions Approach for Variational Problems and Optimal Control of Delay Systems. <i>Studies in Systems, Decision and Control</i> , 2015, , 67-88.	0.8	1
83	Solution of the Nonlinear Mixed Volterra-Fredholm Integral Equations by Hybrid of Block-Pulse Functions and Bernoulli Polynomials. <i>Scientific World Journal, The</i> , 2014, 2014, 1-8.	0.8	14
84	A COMBINED ADAPTIVE CONTROL PARAMETRIZATION AND HOMOTOPY CONTINUATION TECHNIQUE FOR THE NUMERICAL SOLUTION OF BANGâ€BANG OPTIMAL CONTROL PROBLEMS. <i>ANZIAM Journal</i> , 2014, 56, 48-65.	0.3	6
85	Bernoulli wavelet operational matrix of fractional order integration and its applications in solving the fractional order differential equations. <i>Applied Mathematical Modelling</i> , 2014, 38, 6038-6051.	2.2	135
86	A Taylor series method for the solution of the linear initialâ€boundary-value problems for partial differential equations. <i>Computers and Mathematics With Applications</i> , 2013, 66, 1329-1343.	1.4	14
87	Hybrid functions approach for optimal control of systems described by integro-differential equations. <i>Applied Mathematical Modelling</i> , 2013, 37, 3355-3368.	2.2	35
88	Hybrid Functions for Nonlinear Differential Equations with Applications to Physical Problems. <i>Lecture Notes in Computer Science</i> , 2013, , 86-94.	1.0	1
89	A hybrid functions approach for the Duffing equation. <i>Physica Scripta</i> , 2013, 88, 025002.	1.2	19
90	Optimal Control of Delay Systems by Using a Hybrid Functions Approximation. <i>Journal of Optimization Theory and Applications</i> , 2012, 153, 338-356.	0.8	72

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91	Hybrid functions approach for nonlinear constrained optimal control problems. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 1831-1843.	1.7	71
92	Numerical iterative method for Volterra equations of the convolution type. Mathematical Methods in the Applied Sciences, 2011, 34, 140-146.	1.2	2
93	A composite collocation method for the nonlinear mixed Volterraâ€“Fredholmâ€“Hammerstein integral equations. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 1186-1194.	1.7	62
94	Rationalized Haar approach for nonlinear constrained optimal control problems. Applied Mathematical Modelling, 2010, 34, 174-183.	2.2	39
95	The Pseudospectral Legendre Method for a Class of Singular Boundary Value Problems Arising in Physiology. JVC/Journal of Vibration and Control, 2010, 16, 3-10.	1.5	3
96	Solution of Volterra's population model via blockâ€“pulse functions and Lagrangeâ€“interpolating polynomials. Mathematical Methods in the Applied Sciences, 2009, 32, 127-134.	1.2	41
97	Optimization of time delay systems by hybrid functions. Optimization and Engineering, 2009, 10, 363-376.	1.3	11
98	Solution of the generalized Emdenâ€“Fowler equations by the hybrid functions method. Physica Scripta, 2009, 80, 025001.	1.2	12
99	Solution of variational problems via hybrid of block-pulse and Lagrange interpolating. IET Control Theory and Applications, 2009, 3, 1363-1369.	1.2	4
100	Solution of nonlinear Volterraâ€“Fredholmâ€“Hammerstein integral equations via a collocation method and rationalized Haar functions. Applied Mathematics Letters, 2008, 21, 4-9.	1.5	59
101	Combined finite difference and spectral methods for the numerical solution of hyperbolic equation with an integral condition. Numerical Methods for Partial Differential Equations, 2008, 24, 1-8.	2.0	28
102	Numerical solution of the oneâ€“dimensional heat equation on the bounded intervals using fundamental solutions. Numerical Methods for Partial Differential Equations, 2008, 24, 911-923.	2.0	1
103	Hybrid functions for nonlinear initial-value problems with applications to Laneâ€“Emden type equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 5883-5886.	0.9	54
104	Modified rational Legendre approach to laminar viscous flow over a semi-infinite flat plate. Chaos, Solitons and Fractals, 2008, 35, 59-66.	2.5	29
105	Global behavior of the difference equation $x_{n+1} = x_n - l + 1 + a_0 x_n + a_1 x_{n-1} + \dots + a_{l-1} x_{n-l+1}$. Chaos, Solitons and Fractals, 2008, 35, 543-549.	2.5	4
106	Analysis of time-varying singular bilinear systems by hybrid functions. International Journal of Systems Science, 2008, 39, 229-235.	3.7	1
107	Solution of optimal control problems with time-delay. , 2008, , .		2
108	On The Applications Of Orthogonal Functions In The Mathematical Modeling Of Biological Processes. AIP Conference Proceedings, 2008, , .	0.3	0

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109	Composite spectral functions for solving Volterra's population model. Chaos, Solitons and Fractals, 2007, 34, 588-593.	2.5	21
110	Nonclassical pseudospectral method for the solution of brachistochrone problem. Chaos, Solitons and Fractals, 2007, 34, 1622-1628.	2.5	13
111	Application of the Adomian decomposition method for the Fokker-Planck equation. Mathematical and Computer Modelling, 2007, 45, 639-650.	2.0	89
112	Two-dimensional Legendre Wavelets Method for the Mixed Volterra-Fredholm Integral Equations. JVC/Journal of Vibration and Control, 2007, 13, 1667-1675.	1.5	41
113	Numerical solution of the controlled Duffing oscillator by semi-orthogonal spline wavelets. Physica Scripta, 2006, 74, 362-366.	1.2	13
114	Semiorthogonal spline wavelets approximation for Fredholm integro-differential equations. Mathematical Problems in Engineering, 2006, 2006, 1-12.	0.6	55
115	On the higher order rational recursive sequence. Applied Mathematics and Computation, 2006, 173, 710-723.	1.4	4
116	Global stability of a higher order rational recursive sequence. Applied Mathematics and Computation, 2006, 179, 161-174.	1.4	6
117	Oscillation and asymptotic behavior of a class of higher order nonlinear recursive sequences. Applied Mathematics and Computation, 2006, 179, 175-189.	1.4	1
118	Solution of multi-delay systems using hybrid of block-pulse functions and Taylor series. Journal of Sound and Vibration, 2006, 292, 954-963.	2.1	69
119	The numerical solution of third-order boundary value problems using Sinc-collocation method. Communications in Numerical Methods in Engineering, 2006, 23, 681-689.	1.3	21
120	Determination of a time-dependent parameter in a one-dimensional quasi-linear parabolic equation with temperature overspecification. International Journal of Computer Mathematics, 2006, 83, 905-913.	1.0	3
121	A numerical technique for gradient-type interface in the inverse scattering problems. , 2006, , .		0
122	Numerical Solution of Linear Time-Varying Differential Equations using the Hybrid of Block-pulse and Rationalized Haar Functions. JVC/Journal of Vibration and Control, 2006, 12, 1081-1092.	1.5	2
123	Sinc-galerkin solution for nonlinear two-point boundary value problems with applications to chemical reactor theory. Mathematical and Computer Modelling, 2005, 42, 1237-1244.	2.0	30
124	The qualitative behavior of solutions of a nonlinear difference equation. Applied Mathematics and Computation, 2005, 170, 485-502.	1.4	11
125	Solution of Hallen's integral equation using multiwavelets. Computer Physics Communications, 2005, 168, 187-197.	3.0	35
126	Legendre wavelets method for the nonlinear Volterra-Fredholm integral equations. Mathematics and Computers in Simulation, 2005, 70, 1-8.	2.4	162

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127	Solution of nonlinear Volterra-Hammerstein integral equations via single-term Walsh series method. <i>Mathematical Problems in Engineering</i> , 2005, 2005, 547-554.	0.6	20
128	Solution of nonlinear Fredholm-Hammerstein integral equations by using semiorthogonal spline wavelets. <i>Mathematical Problems in Engineering</i> , 2005, 2005, 113-121.	0.6	31
129	On the applications of orthogonal functions in pattern recognition. , 2005, , .		2
130	Analysis of Time-delay Systems via Hybrid of Block-pulse Functions and Taylor Series. <i>JVC/Journal of Vibration and Control</i> , 2005, 11, 1455-1468.	1.5	47
131	Sinc-Collocation Methods for the Solution of Hallen's Integral Equation. <i>Journal of Electromagnetic Waves and Applications</i> , 2005, 19, 245-256.	1.0	24
132	Hartley series approximations for the parabolic equations. <i>International Journal of Computer Mathematics</i> , 2005, 82, 1149-1156.	1.0	10
133	Single-Term Walsh Series Direct Method for the Solution of Nonlinear Problems in the Calculus of Variations. <i>JVC/Journal of Vibration and Control</i> , 2004, 10, 1071-1081.	1.5	8
134	Optimal control of linear delay systems via hybrid of block-pulse and Legendre polynomials. <i>Journal of the Franklin Institute</i> , 2004, 341, 279-293.	1.9	101
135	Solution of time-varying delay systems by hybrid functions. <i>Mathematics and Computers in Simulation</i> , 2004, 64, 597-607.	2.4	43
136	Rational Chebyshev tau method for solving Volterra's population model. <i>Applied Mathematics and Computation</i> , 2004, 149, 893-900.	1.4	63
137	Single-term Walsh series method for the Volterra integro-differential equations. <i>Engineering Analysis With Boundary Elements</i> , 2004, 28, 1315-1319.	2.0	23
138	NUMERICAL SOLUTION OF THE CONTROLLED DUFFING OSCILLATOR BY THE INTERPOLATING SCALING FUNCTIONS. <i>Journal of Electromagnetic Waves and Applications</i> , 2004, 18, 691-705.	1.0	18
139	Efficient Numerical Techniques for Solving Pocklington's Integral Equation Using Multiwavelets. <i>Journal of Electromagnetic Waves and Applications</i> , 2004, 18, 247-264.	1.0	1
140	Rational Legendre Approximation for Solving some Physical Problems on Semi-Infinite Intervals. <i>Physica Scripta</i> , 2004, 69, 353-357.	1.2	90
141	A tau method approach for the diffusion equation with nonlocal boundary conditions. <i>International Journal of Computer Mathematics</i> , 2004, 81, 1427-1432.	1.0	20
142	Rational Chebyshev tau method for solving higher-order ordinary differential equations. <i>International Journal of Computer Mathematics</i> , 2004, 81, 73-80.	1.0	74
143	A discrete bidirectional reflectance model in remote sensing. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2003, 77, 335-343.	1.1	1
144	Numerical solution of the controlled Duffing oscillator by hybrid functions. <i>Applied Mathematics and Computation</i> , 2003, 140, 179-190.	1.4	15

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145	Hybrid functions approach for linearly constrained quadratic optimal control problems. Applied Mathematical Modelling, 2003, 27, 471-485.	2.2	49
146	State Analysis Of Time-Varying Singular Bilinear Systems By Single-Term Walsh Series. International Journal of Computer Mathematics, 2003, 80, 413-418.	1.0	4
147	Solution of time-varying singular nonlinear systems by single-term Walsh series. Mathematical Problems in Engineering, 2003, 2003, 129-136.	0.6	13
148	A Rationalized Haar Functions Method for Nonlinear Fredholm-hammerstein Integral Equations. International Journal of Computer Mathematics, 2002, 79, 333-343.	1.0	28
149	A Legendre Wavelet Method for the Radiative Transfer Equation in Remote Sensing. Journal of Electromagnetic Waves and Applications, 2002, 16, 1681-1693.	1.0	0
150	Sine-cosine wavelets operational matrix of integration and its applications in the calculus of variations. International Journal of Systems Science, 2002, 33, 805-810.	3.7	31
151	Optimal control of singular systems via piecewise linear polynomial functions. Mathematical Methods in the Applied Sciences, 2002, 25, 399-408.	1.2	7
152	Legendre wavelets method for constrained optimal control problems. Mathematical Methods in the Applied Sciences, 2002, 25, 529-539.	1.2	39
153	Tau method approximation for radiative transfer problems in a slab medium. Journal of Quantitative Spectroscopy and Radiative Transfer, 2002, 72, 439-447.	1.1	11
154	Legendre wavelets method for constrained optimal control problems. , 2002, 25, 529.		5
155	The Legendre wavelets operational matrix of integration. International Journal of Systems Science, 2001, 32, 495-502.	3.7	219
156	Solution of nonlinear Volterra-Hammerstein integral equations via rationalized Haar functions. Mathematical Problems in Engineering, 2001, 7, 205-219.	0.6	22
157	A hybrid domain analysis for systems with delays in state and control. Mathematical Problems in Engineering, 2001, 7, 337-353.	0.6	12
158	Solution of differential equations via rationalized Haar functions. Mathematics and Computers in Simulation, 2001, 56, 235-246.	2.4	17
159	Legendre wavelets method for the solution of nonlinear problems in the calculus of variations. Mathematical and Computer Modelling, 2001, 34, 45-54.	2.0	60
160	A collocation-type method for radiative transfer problems in a slab medium. Microwave and Optical Technology Letters, 2001, 28, 307-311.	0.9	0
161	An application of rationalized Haar functions for variational problems. Applied Mathematics and Computation, 2001, 122, 353-364.	1.4	24
162	Numerical Solution of Radiative Transfer Problems in a Slab Medium by Galerkin-type Approximation Techniques. Physica Scripta, 2001, 64, 97-101.	1.2	3

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163	Legendre wavelets direct method for variational problems. <i>Mathematics and Computers in Simulation</i> , 2000, 53, 185-192.	2.4	123
164	Numerical method for the analysis of time-varying singular systems. <i>IET Control Theory and Applications</i> , 2000, 147, 403-406.	1.7	2
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