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An algorithm for Adomian decomposition method

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52	An algorithm for solving DAEs with mechanization. <i>Applied Mathematics and Computation</i> , 2005 , 167, 1350-1372	2.7	10
51	An algorithm for solving nonlinear singular perturbation problems with mechanization. <i>Applied Mathematics and Computation</i> , 2005 , 169, 995-1009	2.7	9
50	Computations of multi-resultant with mechanization. <i>Applied Mathematics and Computation</i> , 2005 , 170, 237-257	2.7	5
49	A two-step Adomian decomposition method. <i>Applied Mathematics and Computation</i> , 2005 , 170, 570-583	2.7	41
48	An algorithm for solving the high-order nonlinear Volterra-Fredholm integro-differential equation with mechanization. <i>Applied Mathematics and Computation</i> , 2006 , 172, 1-23	2.7	36
47	A mechanical algorithm for solving ordinary differential equation. <i>Applied Mathematics and Computation</i> , 2006 , 172, 568-583	2.7	7
46	A new mechanical algorithm for solving the second kind of Fredholm integral equation. <i>Applied Mathematics and Computation</i> , 2006 , 172, 946-962	2.7	25
45	A mechanical algorithm for solving the Volterra integral equation. <i>Applied Mathematics and Computation</i> , 2006 , 172, 1323-1341	2.7	12
44	A new iterative method to compute nonlinear equations. <i>Applied Mathematics and Computation</i> , 2006 , 173, 468-483	2.7	43
43	Mechanical algorithm for solving the second kind of Volterra integral equation. <i>Applied Mathematics and Computation</i> , 2006 , 173, 1149-1162	2.7	8
42	A new iterative method for solving nonlinear equations. <i>Applied Mathematics and Computation</i> , 2006 , 178, 415-422	2.7	27
41	Blow-up solutions obtained using the decomposition method. <i>Chaos, Solitons and Fractals</i> , 2006 , 28, 776-787	2.7	24
40	DECOMPOSITION METHOD FOR STUDYING SMOOTH CHUA'S EQUATION WITH APPLICATION TO HYPERCHAOTIC MULTISCROLL ATTRACTORS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2007 , 17, 209-226	2	29
39	Chaotic and hyperchaotic dynamics in Chua's circuits: The Adomian decomposition approach. 2007 ,		
38	Numerical Solutions of the Multispecies Predator-Prey Model by Variational Iteration Method. <i>Journal of Computer Science</i> , 2007 , 3, 523-527	0.5	3
37	Numerical study of modified Adomian's method applied to Burgers equation. <i>Journal of Computational and Applied Mathematics</i> , 2007 , 206, 927-949	2.4	20
36	A modified Adomian method for system of nonlinear differential equations. <i>Applied Mathematics and Computation</i> , 2007 , 187, 748-755	2.7	21

35	Super cubic iterative methods to solve systems of nonlinear equations. <i>Applied Mathematics and Computation</i> , 2007 , 188, 1678-1685	2.7	37
34	A modified algorithm for the Adomian decomposition method with applications to Lotka-Volterra systems. <i>Mathematical and Computer Modelling</i> , 2007 , 46, 1214-1224		8
33	Analytical solution of fractionally damped beam by Adomian decomposition method. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2007 , 28, 219-228	3.2	18
32	Variational iteration method for solving multispecies Lotka-Volterra equations. <i>Computers and Mathematics With Applications</i> , 2007 , 54, 903-909	2.7	30
31	A new definition of the Adomian polynomials. <i>Kybernetes</i> , 2008 , 37, 910-955	2	107
30	A comparison of numerical solutions of fractional diffusion models in finance. <i>Nonlinear Analysis: Real World Applications</i> , 2009 , 10, 3435-3442	2.1	44
29	Approximate analytic solutions for a two-dimensional mathematical model of a packed-bed electrode using the Adomian decomposition method. <i>Applied Mathematics and Computation</i> , 2009 , 215, 270-275	2.7	5
28	An efficient algorithm for the multivariable Adomian polynomials. <i>Applied Mathematics and Computation</i> , 2010 , 217, 2456-2467	2.7	93
27	Efficient solution of a vibration equation involving fractional derivatives. <i>International Journal of Non-Linear Mechanics</i> , 2010 , 45, 169-175	2.8	30
26	Recurrence triangle for Adomian polynomials. <i>Applied Mathematics and Computation</i> , 2010 , 216, 1235-1241	2.7	100
25	New modification of the HPM for numerical solutions of the sine-Gordon and coupled sine-Gordon equations. <i>International Journal of Computer Mathematics</i> , 2010 , 87, 908-919	1.2	16
24	New ideas for decomposing nonlinearities in differential equations. <i>Applied Mathematics and Computation</i> , 2011 , 218, 1774-1784	2.7	12
23	Approximate analytical solutions for a mathematical model of a tubular packed-bed catalytic reactor using an Adomian decomposition method. <i>Applied Mathematics and Computation</i> , 2011 , 218, 1990-1996	2.7	6
22	A MAPLE package of new ADM-Padé approximate solution for nonlinear problems. <i>Applied Mathematics and Computation</i> , 2011 , 217, 7074-7091	2.7	7
21	Convenient analytic recurrence algorithms for the Adomian polynomials. <i>Applied Mathematics and Computation</i> , 2011 , 217, 6337-6348	2.7	121
20	New approach to model the buckling and stable length of multi walled carbon nanotube probes near graphite sheets. <i>Materials & Design</i> , 2011 , 32, 2949-2955		29
19	A new solution on the buckling and stable length of multi wall carbon nanotube probes near graphite sheets. <i>Procedia Engineering</i> , 2011 , 10, 3725-3733		6
18	Analytical solution of non-constant coefficients fractional differential equation by Adomian decomposition method. 2012 ,		

17	Solving delay differential systems with history functions by the Adomian decomposition method. <i>Applied Mathematics and Computation</i> , 2012 , 218, 5994-6011	2.7	11
16	A new approach to the electrostatic pull-in instability of nanocantilever actuators using the ADM Padé technique. <i>Computers and Mathematics With Applications</i> , 2012 , 64, 2806-2815	2.7	33
15	Solving the nonlinear equations for one-dimensional nano-sized model including Rydberg and Varshni potentials and Casimir force using the decomposition method. <i>Applied Mathematical Modelling</i> , 2013 , 37, 3399-3406	4.5	9
14	Solution of the Black-Scholes equation via the Adomian decomposition method. <i>International Journal of Applied Mathematical Research</i> , 2013 , 2,	1	1
13	A Nonlinear Option Pricing Model Through the Adomian Decomposition Method. <i>International Journal of Applied and Computational Mathematics</i> , 2016 , 2, 453-467	1.3	13
12	Applying Adomian Decomposition Method to Solve Burgess Equation with a Non-linear Source. <i>International Journal of Applied and Computational Mathematics</i> , 2017 , 3, 213-224	1.3	9
11	Non-classical heat conduction problem with nonlocal source. <i>Boundary Value Problems</i> , 2017 , 2017,	2.1	3
10	New Adomian Polynomials Formulas for the Non-linear and Nonautonomous Ordinary Differential Equations. <i>Journal of Applied & Computational Mathematics</i> , 2017 , 06,	0	
9	Anharmonic 1D actuator model including electrostatic and Casimir forces with fractional damping perturbed by an external force. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2018 , 34, 528-541	2	5
8	Soret and Dufour effects on heat and mass transfer in chemically reacting MHD flow through a wavy channel. <i>Journal of Taibah University for Science</i> , 2018 , 12, 631-651	3	6
7	Adomian Decomposition Method (ADM). 2019 , 311-359		5
6	Effects of viscous dissipation on convective rotatory chemically reacting Rivlin-Ericksen flow past a porous vertical plate. <i>Journal of Taibah University for Science</i> , 2019 , 13, 402-413	3	5
5	Adomian Decomposition Approach to the Solution of the Burger's Equation. <i>American Journal of Computational Mathematics</i> , 2015 , 05, 329-335	0.8	5
4	Outcome of a Magnetic Field on Heat Transfer of Carbon Nanotubes (CNTs)-Suspended Nanofluids by Shooting Type Laplace-Adomian Decomposition Method (LADM). <i>Lecture Notes in Civil Engineering</i> , 2022 , 153-160	0.3	0
3	APPLICATION OF ADOMIAN DECOMPOSITION, VARIATIONAL ITERATION, AND SERIES SOLUTION METHODS TO ANALYSIS OF INTEGRAL DIFFERENTIAL EQUATIONS. 2022 , 22, 655-662		0
2	Solving Multispecies Lotka-Volterra Equations by the Daftardar-Gejji and Jafari Method. 2022 , 2022, 1-7		1
1	Adomian Decomposition Method for Solving Boussinesq Equations Using Maple. 2023 , 14, 121-129		0