

Albert Luo

List of Publications by Year in descending order

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252
papers

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293
all docs

293
docs citations

293
times ranked

1072
citing authors

#	ARTICLE	IF	CITATIONS
1	Periodic cutting motions in a vibration-assisted, regenerative, nonlinear Orthogonal turning system. International Journal of Dynamics and Control, 2022, 10, 1-12.	2.5	2
2	Sequential symmetric periodic motions in a symmetric discontinuous dynamical system. International Journal of Dynamics and Control, 2022, 10, 1301-1321.	2.5	1
3	Bifurcation dynamics of complex period-1 motions to chaos in an electromagnetically tuned duffing oscillator. International Journal of Dynamics and Control, 2022, 10, 1361-1384.	2.5	2
4	Periodic motions and homoclinic orbits in a discontinuous dynamical system on a single domain with multiple vector fields. Chaos, 2022, 32, 033132.	2.5	6
5	Paired asymmetric periodic oscillations in a pair of first-order asymmetric nonlinear circuit systems. Mechanical Systems and Signal Processing, 2022, 171, 108810.	8.0	5
6	Analytical periodic motions in a discontinuous system with a switching hyperbola. International Journal of Dynamics and Control, 2021, 9, 379-391.	2.5	2
7	Periodic motions on bifurcation trees in an inverted pendulum with a periodically moving base. International Journal of Dynamics and Control, 2021, 9, 410-423.	2.5	4
8	On bifurcations and local stability in 1-D nonlinear discrete dynamical systems. International Journal of Dynamics and Control, 2021, 9, 1-29.	2.5	0
9	On Periodic Solutions of a Time-Delayed, Discontinuous System with a Hyperbola Switching Control Law. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150032.	1.7	3
10	Constructed limit cycles in a discontinuous system with multiple vector fields. Journal of Vibration Testing and System Dynamics, 2021, 5, 33-51.	0.2	4
11	On Existence and Bifurcations of Periodic Motions in Discontinuous Dynamical Systems. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150063.	1.7	10
12	On infinite homoclinic orbits induced by unstable periodic orbits in the Lorenz system. Chaos, 2021, 31, 043106.	2.5	12
13	A Parameter Study on Periodic Motions in a Discontinuous Dynamical System with Two Circular Boundaries. Discontinuity, Nonlinearity, and Complexity, 2021, 10, 289-309.	0.2	6
14	Symmetric and asymmetric periodic motions of a nonlinear oscillator with a tuned mass damper inerter. European Physical Journal: Special Topics, 2021, 230, 3533-3549.	2.6	5
15	Sequential Periodic Motions in a Vibration-Assisted, Regenerative, Nonlinear Turning-Tool System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150186.	1.7	1
16	Bifurcation Trees of (1:2)- Asymmetric Periodic Motions with Corresponding Infinite Homoclinic Orbits in the Lorenz System. Journal of Vibration Testing and System Dynamics, 2021, 5, 373-406.	0.2	3
17	A Family of Periodic Motions to Chaos with Infinite Homoclinic Orbits in the Lorenz System. Lobachevskii Journal of Mathematics, 2021, 42, 3382-3437.	0.9	3
18	On period-1 motions to chaos in a 1-dimensional, time-delay, nonlinear system. International Journal of Dynamics and Control, 2020, 8, 44-50.	2.5	5

#	ARTICLE	IF	CITATIONS
19	On dynamics of infinite-equilibrium systems. International Journal of Dynamics and Control, 2020, 8, 21-43.	2.5	1
20	An independent period-3 motion to chaos in a nonlinear flexible rotor system. International Journal of Dynamics and Control, 2020, 8, 337-351.	2.5	5
21	Bifurcation and Stability in Nonlinear Discrete Systems. Nonlinear Physical Science, 2020, , .	0.2	5
22	Independent Period-2 Motions to Chaos in a van der Pol's Duffing Oscillator. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2030045.	1.7	15
23	Period-1 Motion to Chaos in a Nonlinear Flexible Rotor System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2050077.	1.7	12
24	Period-1 to Period-8 Motions in a Nonlinear Jeffcott Rotor System. Journal of Computational and Nonlinear Dynamics, 2020, , .	1.2	4
25	An Analytical Prediction of Periodic Motions in a Discontinuous Dynamical System. Journal of Vibration Testing and System Dynamics, 2020, 4, 377-388.	0.2	3
26	Towards Analytical Chaotic Evolutions in Brusselators. Synthesis Lectures on Mechanical Engineering, 2020, 5, 1-108.	0.1	0
27	(2m)th-Degree Polynomial Discrete Systems. Nonlinear Physical Science, 2020, , 257-334.	0.2	0
28	On bifurcation trees of period-1 to period-2 motions in a nonlinear Jeffcott rotor system. International Journal of Mechanical Sciences, 2019, 160, 429-450.	6.7	33
29	Periodic motions to chaos in a 1-dimensional, time-delay, nonlinear system. European Physical Journal: Special Topics, 2019, 228, 1747-1765.	2.6	1
30	Frequency-amplitude characteristics of periodic motions in a periodically forced van der Pol oscillator. European Physical Journal: Special Topics, 2019, 228, 1839-1854.	2.6	9
31	Bifurcation trees of period-1 motions in a periodically excited, softening Duffing oscillator with time-delay. International Journal of Dynamics and Control, 2019, 7, 842-855.	2.5	3
32	Bifurcation and Stability in Nonlinear Dynamical Systems. Advances in Dynamics, Patterns, Cognition, 2019, , .	0.3	2
33	On a Global Sequential Scenario of Bifurcation Trees to Chaos in a First-Order, Periodically Excited, Time-Delayed System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950141.	1.7	3
34	Bifurcation Dynamics of a Damped Parametric Pendulum. Synthesis Lectures on Mechanical Engineering, 2019, 3, 1-98.	0.1	4
35	Sequent period-(2m+1) motions to chaos in the van der Pol oscillator. International Journal of Dynamics and Control, 2019, 7, 795-807.	2.5	12
36	On Experimental Periodic Motions in a Duffing Oscillatory Circuit. Journal of Vibration Testing and System Dynamics, 2019, 3, 55-70.	0.2	9

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37	A Period-1 Motion to Chaos in a Periodically Forced, Damped, Double-Pendulum. Journal of Vibration Testing and System Dynamics, 2019, 3, 259-280.	0.2	8
38	Stability of Equilibriums. Advances in Dynamics, Patterns, Cognition, 2019, , 1-57.	0.3	0
39	On Stability and Bifurcation of Equilibriums in Nonlinear Systems. Journal of Vibration Testing and System Dynamics, 2019, 3, 147-232.	0.2	5
40	On resonant separatrix layers of a twin-well Duffing oscillator. International Journal of Dynamics and Control, 2018, 6, 1075-1093.	2.5	0
41	On possible infinite bifurcation trees of period-3 motions to chaos in a time-delayed, twin-well Duffing oscillator. International Journal of Dynamics and Control, 2018, 6, 1429-1464.	2.5	10
42	Periodic motions and limit cycles of linear cable galloping. International Journal of Dynamics and Control, 2018, 6, 41-78.	2.5	3
43	Bifurcation trees of periodic motions to chaos in a parametric Duffing oscillator. International Journal of Dynamics and Control, 2018, 6, 425-458.	2.5	4
44	Analytical Solutions of Period-1 to Period-2 Motions in a Periodically Diffused Brusselator. Journal of Computational and Nonlinear Dynamics, 2018, 13, .	1.2	4
45	Periodic Motions in a Van Der Pol Oscillator. , 2018, , .		0
46	Period-1 Evolutions to Chaos in a Periodically Forced Brusselator. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1830046.	1.7	6
47	On periodic solutions of a second-order, time-delayed, discontinuous dynamical system. Chaos, Solitons and Fractals, 2018, 114, 216-229.	5.1	7
48	A Series of Symmetric Period-1 Motions to Chaos in a Two-degree-of-freedom van der Pol-Duffing Oscillator. Journal of Vibration Testing and System Dynamics, 2018, 2, 119-153.	0.2	14
49	Periodic motions in a double-well Duffing oscillator under periodic excitation through discrete implicit mappings. International Journal of Dynamics and Control, 2017, 5, 223-238.	2.5	12
50	Analytical period-1 motions to chaos in a two-degree-of-freedom oscillator with a hardening nonlinear spring. International Journal of Dynamics and Control, 2017, 5, 436-453.	2.5	10
51	Routes of periodic motions to chaos in a periodically forced pendulum. International Journal of Dynamics and Control, 2017, 5, 551-569.	2.5	23
52	On frequency responses of period-1 motions to chaos in a periodically forced, time-delayed quadratic nonlinear system. International Journal of Dynamics and Control, 2017, 5, 466-476.	2.5	1
53	Analytical solutions of periodic motions in 1-dimensional nonlinear systems. Chaos, Solitons and Fractals, 2017, 97, 1-10.	5.1	16
54	Complex Dynamics of Bouncing Motions at Boundaries and Corners in a Discontinuous Dynamical System. Journal of Computational and Nonlinear Dynamics, 2017, 12, .	1.2	10

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55	Bifurcation trees of period-3 motions to chaos in a time-delayed Duffing oscillator. Nonlinear Dynamics, 2017, 88, 2831-2862.	5.2	10
56	Periodic orbits and bifurcations in discontinuous systems with a hyperbolic boundary. International Journal of Dynamics and Control, 2017, 5, 513-529.	2.5	3
57	Periodic Motions in a Coupled Van Der Pol-Duffing Oscillator. , 2017, , .		0
58	Periodic Flows to Chaos in Time-delay Systems. Advances in Dynamics, Patterns, Cognition, 2017, , .	0.3	3
59	Period-1 Motions to Chaos in a Parametrically Excited Pendulum. , 2017, , .		2
60	Period-1 and Period-2 Motions in a Brusselator With a Harmonic Diffusion. , 2017, , .		0
61	Periodic Motions in a 2-DOF Self-Excited Duffing Oscillator. , 2017, , .		0
62	Periodic Motion in a Nonlinear Vibration Isolator Under Harmonic Excitation. , 2017, , .		0
63	Periodic Motions and Bifurcation Trees in a Parametric Duffing Oscillator. , 2017, , .		0
64	Period Motions and Limit Cycle in a Periodically Forced, Plunged Galloping Oscillator. , 2017, , .		0
65	Complete Bifurcation Trees of a Parametrically Driven Pendulum. Journal of Vibration Testing and System Dynamics, 2017, 1, 93-134.	0.2	12
66	Time-Delay Duffing Oscillators. Advances in Dynamics, Patterns, Cognition, 2017, , 157-195.	0.3	0
67	Time-Delayed Duffing Oscillator. Advances in Dynamics, Patterns, Cognition, 2017, , 271-296.	0.3	0
68	Analytical Solutions for Periodic Motions in a Twin-Well Potential Mathieu-Duffing Oscillator. , 2016, , .		0
69	Periodic Orbits in a Second-Order Discontinuous System with an Elliptic Boundary. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650224.	1.7	13
70	Periodic Motions to Chaos in Pendulum. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650159.	1.7	13
71	Period-3 Motions in a Two Degree-of-Freedom Nonlinear Oscillator. , 2016, , .		0
72	Symmetric and asymmetric period-1 motions in a periodically forced, time-delayed, hardening Duffing oscillator. Nonlinear Dynamics, 2016, 85, 1141-1166.	5.2	16

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73	Analytical solutions of period-1 motions in a buckled, nonlinear Jeffcott rotor system. International Journal of Dynamics and Control, 2016, 4, 376-383.	2.5	11
74	New trends in nonlinear dynamics and chaoticity. Nonlinear Dynamics, 2016, 84, 1-2.	5.2	64
75	Multiple bifurcation trees of period-1 motions to chaos in a periodically forced, time-delayed, hardening Duffing oscillator. Chaos, Solitons and Fractals, 2016, 89, 405-434.	5.1	26
76	Analytical routes of period-m motions to chaos in a parametric, quadratic nonlinear oscillator. International Journal of Dynamics and Control, 2016, 4, 1-22.	2.5	10
77	Periodic Motions to Chaos in Duffing Oscillator via Discretization Technique. Advances in Dynamics, Patterns, Cognition, 2016, , 259-276.	0.3	0
78	Analytical Period-m Motions in a Parametric, Quadratic Nonlinear Oscillator. Advances in Dynamics, Patterns, Cognition, 2016, , 247-258.	0.3	0
79	Bifurcation Trees of a Periodically Forced, Two-Degree-of-Freedom Oscillator With a Nonlinear Hardening Spring. , 2015, , .		0
80	An Analytical Prediction of Period-1 to Chaos in a Periodically Forced, Damped, Hardening Duffing Oscillator. , 2015, , .		0
81	Period-1 Motions in a Two-Degree-of-Freedom Nonlinear Oscillator With Periodic Excitation. , 2015, , .		0
82	Period-3 motions to chaos in a periodically forced duffing oscillator with a linear time-delay. International Journal of Dynamics and Control, 2015, 3, 371-388.	2.5	9
83	Complex Dynamics of Projective Synchronization of Chua Circuits with Different Scrolls. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1530016.	1.7	16
84	Complex period-1 motions in a periodically forced, quadratic nonlinear oscillator. JVC/Journal of Vibration and Control, 2015, 21, 896-906.	2.6	20
85	Bifurcation Trees of Period-1 Motions to Chaos in a Two-Degree-of-Freedom, Nonlinear Oscillator. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550179.	1.7	13
86	Discretization and Implicit Mapping Dynamics. Nonlinear Physical Science, 2015, , .	0.2	51
87	Periodic Flows to Chaos Based on Discrete Implicit Mappings of Continuous Nonlinear Systems. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550044.	1.7	64
88	Periodic Motions and Bifurcation Trees in a Buckled, Nonlinear Jeffcott Rotor System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550002.	1.7	19
89	On complex periodic motions and bifurcations in a periodically forced, damped, hardening Duffing oscillator. Chaos, Solitons and Fractals, 2015, 81, 378-399.	5.1	16
90	Complex period-1 motions of a periodically forced Duffing oscillator with a time-delay feedback. International Journal of Dynamics and Control, 2015, 3, 325-340.	2.5	19

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91	A Semi-analytical Prediction of Periodic Motions in Duffing Oscillator through Mapping Structures. Discontinuity, Nonlinearity, and Complexity, 2015, 4, 121-150.	0.2	33
92	System Discontinuity and Switchability. Advances in Dynamics, Patterns, Cognition, 2015, , 13-58.	0.3	2
93	A Gear Transmission System. Advances in Dynamics, Patterns, Cognition, 2015, , 139-182.	0.3	0
94	On Periodic Motions in a Parametric Hardening Duffing Oscillator. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1430004.	1.7	7
95	On Discontinuous Dynamics of a Freight Train Suspension System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450163.	1.7	18
96	Analytical Periodic Motions of a Parametric Oscillator With Quadratic Nonlinearity. , 2014, , .		2
97	An Approximate Solution for Period-1 Motions in a Periodically Forced Van Der Pol Oscillator. Journal of Computational and Nonlinear Dynamics, 2014, 9, .	1.2	8
98	Period-1 Motions in a Time-Delayed Duffing Oscillator With Periodic Excitation. , 2014, , .		0
99	Period-m Motions to Chaos in a Periodically Forced, Duffing Oscillator with a Time-Delayed Displacement. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450126.	1.7	21
100	Analytical periodic motions and bifurcations in a nonlinear rotor system. International Journal of Dynamics and Control, 2014, 2, 425-459.	2.5	14
101	Period-m motions and bifurcation trees in a periodically forced, van der Pol-Duffing oscillator. International Journal of Dynamics and Control, 2014, 2, 474-493.	2.5	14
102	On Analytical Routes to Chaos in Nonlinear Systems. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1430013.	1.7	20
103	Bifurcation Trees of Periodic Motions to Chaos in a Parametric, Quadratic Nonlinear Oscillator. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450075.	1.7	2
104	Bifurcation Trees of Period-m Motions to Chaos in a Time-Delayed, Quadratic Nonlinear Oscillator under a Periodic Excitation. Discontinuity, Nonlinearity, and Complexity, 2014, 3, 87-107.	0.2	20
105	Projective Synchronization of Two Gyroscope Systems with Different Motions. Advances in Dynamics, Patterns, Cognition, 2014, , 255-272.	0.3	0
106	Analytical solutions for asymmetric periodic motions to chaos in a hardening Duffing oscillator. Nonlinear Dynamics, 2013, 72, 417-438.	5.2	46
107	Analytical period-3 motions to chaos in a hardening Duffing oscillator. Nonlinear Dynamics, 2013, 73, 1905-1932.	5.2	27
108	Analytical solutions for period-m motions in a periodically forced van der Pol oscillator. International Journal of Dynamics and Control, 2013, 1, 99-115.	2.5	39

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109	On the projective function synchronization of chaos for two gyroscope systems under sinusoidal constraints. International Journal of Dynamics and Control, 2013, 1, 203-213.	2.5	3
110	Analytical solutions for periodic motions to chaos in nonlinear systems with/without time-delay. International Journal of Dynamics and Control, 2013, 1, 330-359.	2.5	40
111	Single Constraint Synchronization. Advances in Dynamics, Patterns, Cognition, 2013, , 71-120.	0.3	0
112	SINGULARITY, SWITCHABILITY AND BIFURCATIONS IN A 2-DOF, PERIODICALLY FORCED, FRICTIONAL OSCILLATOR. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1330009.	1.7	8
113	ASYMMETRIC PERIODIC MOTIONS WITH CHAOS IN A SOFTENING DUFFING OSCILLATOR. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350086.	1.7	11
114	Analytical Solutions for Stable and Unstable Period-1 Motions in a Periodically Forced Oscillator With Quadratic Nonlinearity. Journal of Vibration and Acoustics, Transactions of the ASME, 2013, 135, .	1.6	21
115	Dynamical System Synchronization. Advances in Dynamics, Patterns, Cognition, 2013, , .	0.3	18
116	Parameter Characteristics of Projective Synchronization of two Gyroscope Systems with Different Dynamical Behaviors. Discontinuity, Nonlinearity, and Complexity, 2013, 2, 167-182.	0.2	2
117	Period-m Motions and Bifurcation Trees in a Periodically Excited, Quadratic Nonlinear Oscillator. Discontinuity, Nonlinearity, and Complexity, 2013, 2, 263-288.	0.2	11
118	Function Synchronizations. Advances in Dynamics, Patterns, Cognition, 2013, , 157-195.	0.3	0
119	Discontinuity and Local Singularity. Advances in Dynamics, Patterns, Cognition, 2013, , 11-69.	0.3	0
120	Approximate solutions of periodic motions in nonlinear systems via a generalized harmonic balance. JVC/Journal of Vibration and Control, 2012, 18, 1661-1674.	2.6	122
121	Discontinuous Dynamical Systems. , 2012, , .		46
122	ANALYTICAL DYNAMICS OF PERIOD-m FLOWS AND CHAOS IN NONLINEAR SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250093.	1.7	79
123	Analytical Predication of Complex Motion of a Ball in a Periodically Shaken Horizontal Impact Pair. Journal of Computational and Nonlinear Dynamics, 2012, 7, .	1.2	4
124	Analytical vibrations of a rotating blade with geometric nonlinearity. , 2012, , .		1
125	Stable and unstable periodic solutions to the mathieu-duffing oscillator. , 2012, , .		2
126	PARAMETRIC ANALYSIS OF BIFURCATION AND CHAOS IN A PERIODICALLY DRIVEN HORIZONTAL IMPACT PAIR. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250268.	1.7	18

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127	Regularity and Complexity in Dynamical Systems. <i>Advances in Dynamics, Patterns, Cognition</i> , 2012, , .	0.3	39
128	On parameter characteristics of chaotic synchronization in two nonlinear gyroscope systems. <i>Nonlinear Dynamics</i> , 2012, 69, 1203-1223.	5.2	13
129	Periodic and chaotic synchronizations of two distinct dynamical systems under sinusoidal constraints. <i>Chaos, Solitons and Fractals</i> , 2012, 45, 998-1011.	5.1	9
130	Discontinuous dynamics of a non-linear, self-excited, friction-induced, periodically forced oscillator. <i>Nonlinear Analysis: Real World Applications</i> , 2012, 13, 241-257.	1.7	37
131	Nonlinear Continuous Dynamical Systems. <i>Advances in Dynamics, Patterns, Cognition</i> , 2012, , 1-63.	0.3	20
132	Switching Dynamical Systems. <i>Advances in Dynamics, Patterns, Cognition</i> , 2012, , 223-296.	0.3	2
133	Unstable and Stable Period-m Motions in a Twin-well Potential Duffing Oscillator. <i>Discontinuity, Nonlinearity, and Complexity</i> , 2012, 1, 113-145.	0.2	39
134	Analytical Routes of Period-1 Motions to Chaos in a Periodically Forced Duffing Oscillator with a Twin-well Potential. <i>Journal of Applied Nonlinear Dynamics</i> , 2012, 1, 73-108.	0.3	54
135	Chaotic Synchronization of Duffing Oscillator and Pendulum. , 2012, , 115-133.		0
136	Switchability and Attractivity of Domain Flows. , 2012, , 357-446.		0
137	Singularity and Flow Passability. , 2012, , 77-164.		0
138	Mapping Dynamics and Symmetry. <i>Advances in Dynamics, Patterns, Cognition</i> , 2012, , 297-363.	0.3	0
139	Dynamics and Singularity of Boundary Flows. , 2012, , 447-520.		0
140	Introduction to Flow Passability. , 2012, , 9-76.		0
141	Hamiltonian Chaos in Nonlinear Parametric Systems. , 2012, , 189-219.		0
142	Dynamical System Interactions. , 2012, , 623-683.		1
143	Transport Laws and Multi-valued Vector Fields. , 2012, , 259-356.		0
144	Machine Tool Vibrations and Cutting Dynamics. , 2011, , .		10

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145	Chaotic Synchronization of a Controlled, Noised, Gyroscope System With an Expected Gyroscope System. , 2011, , .		0
146	Sinusoidal synchronization of a Duffing oscillator with a chaotic pendulum. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 3080-3089.	2.1	9
147	Synchronization dynamics of two different dynamical systems. Chaos, Solitons and Fractals, 2011, 44, 362-380.	5.1	16
148	A theory for nonlinear soft webs. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 2184-2199.	3.3	4
149	The chaotic synchronization of a controlled pendulum with a periodically forced, damped Duffing oscillator. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 4704-4717.	3.3	20
150	Synchronization of a periodically forced Duffing oscillator with a periodically excited pendulum. Nonlinear Analysis: Real World Applications, 2011, 12, 1810-1827.	1.7	17
151	Complex Motions in Horizontal Impact Pairs With a Periodic Excitation. , 2011, , .		1
152	ON FLOW BARRIERS AND SWITCHABILITY IN DISCONTINUOUS DYNAMICAL SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 1-76.	1.7	29
153	THE MECHANISM OF A CONTROLLED PENDULUM SYNCHRONIZING WITH PERIODIC MOTIONS IN A PERIODICALLY FORCED, DAMPED DUFFING OSCILLATOR. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 1813-1829.	1.7	8
154	Periodic and Chaotic Motions in a Gear-pair Transmission System with Impacts. , 2011, , 13-24.		9
155	Friction-Induced Oscillators. , 2011, , 57-99.		0
156	Switching Mechanism and Complex Motions in an Extended Fermi-Acceleration Oscillator. Journal of Computational and Nonlinear Dynamics, 2010, 5, .	1.2	9
157	Switchability and Bifurcation of Motions in a Double-Excited Fermi-Acceleration Oscillator. , 2010, , .		5
158	On motions and switchability in a periodically forced, discontinuous system with a parabolic boundary. Nonlinear Analysis: Real World Applications, 2010, 11, 2624-2633.	1.7	12
159	Sliding and transversal motions on an inclined boundary in a periodically forced discontinuous system. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 86-98.	3.3	7
160	A parameter study of the eccentricity frequency and amplitude, and chip length effects on a machine tool with multiple boundaries. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 2575-2602.	3.3	2
161	Nonlinear Deformable-body Dynamics. Nonlinear Physical Science, 2010, , .	0.2	9
162	A YING–YANG THEORY IN NONLINEAR DISCRETE DYNAMICAL SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 1085-1098.	1.7	9

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163	PARAMETER CHARACTERISTICS FOR STABLE AND UNSTABLE SOLUTIONS IN NONLINEAR DISCRETE DYNAMICAL SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 3173-3191.	1.7	7
164	A Parameter Study of a Machine Tool with Multiple Boundaries. , 2010, , 77-94.		0
165	Nonlinear Cables. Nonlinear Physical Science, 2010, , 161-199.	0.2	0
166	Nonlinear Webs, Membranes and Shells. Nonlinear Physical Science, 2010, , 265-316.	0.2	0
167	Stochastic and Resonant Layers in Nonlinear Hamiltonian Systems. Nonlinear Physical Science, 2010, , 1-50.	0.2	1
168	AN ANALYTICAL PREDICTION OF PERIODIC FLOWS IN THE CHUA CIRCUIT SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2009, 19, 2165-2180.	1.7	17
169	MECHANISM OF IMPACTING CHATTER WITH STICK IN A GEAR TRANSMISSION SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2009, 19, 2093-2105.	1.7	36
170	PERIODIC MOTIONS AND CHAOS WITH IMPACTING CHATTER AND STICK IN A GEAR TRANSMISSION SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2009, 19, 1975-1994.	1.7	29
171	Bifurcation and Stability of Periodic Motions in a Periodically Forced Oscillator With Multiple Discontinuities. Journal of Computational and Nonlinear Dynamics, 2009, 4, .	1.2	4
172	An editorial in honour of Dr. Boris Chirikov. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 1.	3.3	1
173	Periodic motions in a simplified brake system with a periodic excitation. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 2389-2414.	3.3	29
174	Flow switchability and periodic motions in a periodically forced, discontinuous dynamical system. Nonlinear Analysis: Real World Applications, 2009, 10, 3028-3044.	1.7	11
175	A theory for synchronization of dynamical systems. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 1901-1951.	3.3	149
176	Switching dynamics of multiple linear oscillators. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 3472-3485.	3.3	5
177	Discontinuous Dynamical Systems on Time-varying Domains. Nonlinear Physical Science, 2009, , .	0.2	67
178	Periodic Motions With Impacting Chatter and Stick in a Gear Transmission System. Journal of Vibration and Acoustics, Transactions of the ASME, 2009, 131, .	1.6	20
179	Switching and Stick Motions in an Extended Fermi-Acceleration Oscillator. Lecture Notes in Applied and Computational Mechanics, 2009, , 179-189.	2.2	0
180	Existence and analytical predictions of periodic motions in a periodically forced, nonlinear friction oscillator. Journal of Sound and Vibration, 2008, 309, 129-149.	3.9	18

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181	A theory for flow switchability in discontinuous dynamical systems. <i>Nonlinear Analysis: Hybrid Systems</i> , 2008, 2, 1030-1061.	3.5	100
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