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643	Single species dynamics in changing environments. 1994 , 9, 293-303		2
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640	Sequential Behavior and Learning in Evolved Dynamical Neural Networks. 1994 , 2, 219-246		77
639	Bibliography. 1995, 589-661		
638	The origin and use of positional frames of reference in motor control. 1995 , 18, 723-744		556
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636	Is the multi-joint pointing movement model applicable to equilibrium control during upper trunk movements?. 1995 , 18, 745-746		
635	A few reasons why psychologists can adhere to Feldman and Levin's model. 1995, 18, 746-747		2
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632	Natural unconstrained movements obey rules different from constrained elementary movements. 1995 , 18, 750-750		2
631	The lambda model and a hemispheric motor model of intentional hand movements. 1995 , 18, 750-751		
630	Moving models of motion forward: Explication and a new concept. 1995 , 18, 751-753		2
629	Grip force adjustments during rapid hand movements suggest that detailed movement kinematics are predicted. 1995 , 18, 753-754		13
628	Reciprocal and coactivation commands are not sufficient to describe muscle activation patterns. 1995 , 18, 754-755		2

The case of the missing CVs: Multi-joint primitives. 1995, 18, 755-756 627 Inverse kinematic problem: Solutions by pseudoinversion, inversion and no-inversion. 1995, 18, 756-758 626 Twisted pairs: Does the motor system really care about joint configurations?. 1995, 18, 758-761 625 Is an appropriate control variable for locomotion?. 1995, 18, 761-762 624 Do control variables exist?. 1995, 18, 762-762 623 The unobservability of central commands: Why testing hypotheses is so difficult. 1995, 18, 763-764 622 621 Frameworks on shifting sands. 1995, 18, 764-765 Frames of reference interact and are task-dependent. 1995, 18, 765-765 620 What does body configuration in microgravity tell us about the contribution of intra- and 619 2 extrapersonal frames of reference for motor control?. 1995, 18, 766-767 618 What can we expect from models of motor control?. 1995, 18, 767-768 Can the Imodel benefit from understanding human adaptation in weightlessness(and vice versa)?. 617 **1995**, 18, 768-768 Kinematic invariances and body schema. 1995, 18, 769-770 616 615 Command invariants and the frame of reference for human movement. 1995, 18, 770-772 Interneurons as backseat drivers and the elusive control variable. 1995, 18, 772-773 614 Spatial frames for motor control would be commensurate with spatial frames for vision and 613 2 proprioception, but what about control of energy flows?. 1995, 18, 773-773 612 Let us accept a allontrolled trade-offalmodel of motor control. 1995, 18, 773-775 611 The Imodel: Can it walk?. 1995, 18, 775-776 Position is everything?. **1995**, 18, 776-778 610

609 Can the Imodel be used to interpret the activity of single neurons?. 1995, 18, 778-779

608	Two joints are more than twice one joint. 1995 , 18, 779-780	
607	Control parameters, equilibria, and coordination dynamics. 1995 , 18, 780-780	4
606	Equifinality and phase-resetting: The role of control parameter manipulations. 1995 , 18, 783-784	
605	Levers to generate movement. 1995 , 18, 784-785	1
604	How far should we extend the equilibrium point (lambda) hypothesis?. 1995 , 18, 785-786	
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600	Equilibrium-point control? Yes! Deterministic mechanisms of control? No!. 1995 , 18, 765-766	
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597	Efficient concentration of forces, or how to fight outnumbered and win. 1995 , 42, 397-418	2
596	Lower bounds for the Hausdorff dimension of attractors. 1995 , 7, 457-469	8
595	A Kolmogoroff generalized predator-prey model of Goodwin's growth cycle. 1995 , 61, 35-64	21
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593	. 1995 , 42, 491-494	3
592	Complete controllability of a dynamic n-bus power system model.	1

[1996-1995]

591	Bifurcational analysis of the isotropic-discotic nematic phase transition in the presence of extensional flow. 1995 , 19, 325-331	5
590	Study of ferroresonance in a series compensated network.	0
589	Representation of first order dynamical systems using neural networks.	1
588	The Imodel for motor control: More than meets the eye. 1995 , 18, 786-806	5
587	Dependence of heat transfer to a pulsating stagnation flow on pulse characteristics. 1995 , 9, 181-192	37
586	Local bifurcation in power systems: theory, computation, and application. 1995 , 83, 1456-1483	92
585	Static and dynamic nonlinear loads and structural stability in power systems. 1995 , 83, 1562-1572	34
584	Analysis tools for power systems-contending with nonlinearities. 1995 , 83, 1573-1587	35
583	DYNAMICAL APPROACH STUDY OF SPURIOUS STEADY-STATE NUMERICAL SOLUTIONS OF NONLINEAR DIFFERENTIAL EQUATIONS II. GLOBAL ASYMPTOTIC BEHAVIOR OF TIME DISCRETIZATIONS * *Part of the material appeared in the Proceedings of the 9th GAMM Conference on Numerical Methods in Fluid Mechanics, Lausanne, Switzerland, Sept. 25âû7, 1991.	16
582	Full text appeared as a NAS Applied Research Technical Report RNR-92âD08 March 1992 NASA On the Dynamics of Small Continuous-Time Recurrent Neural Networks. 1995 , 3, 469-509 Ames Ames Research Center, Part of this work was performed as a visiting scientist at the NASA Ames Res. 1995 , 4, 219-283	213
582 581	Affies Research Center. Part of this work was performed as a visiting scientist at the NASA Affies	213
	Res. 1995 , 4, 219-283	213 27
581	Res. 1995 , 4, 219-283 Dynamical Systems: Stability, Dynamics, and Chaos (Clark Robinson). 1995 , 37, 639-640	
581 580	Res. 1995, 4, 219-283 Dynamical Systems: Stability, Dynamics, and Chaos (Clark Robinson). 1995, 37, 639-640 . 1995, 10, 1183-1194	27
581 580 579	Res. 1995, 4, 219-283 Dynamical Systems: Stability, Dynamics, and Chaos (Clark Robinson). 1995, 37, 639-640 . 1995, 10, 1183-1194 The Surface Evolver and the stability of liquid surfaces. 1996, 354, 2143-2157	27 127
581 580 579 578	Pes. 1995, 4, 219-283 Dynamical Systems: Stability, Dynamics, and Chaos (Clark Robinson). 1995, 37, 639-640 . 1995, 10, 1183-1194 The Surface Evolver and the stability of liquid surfaces. 1996, 354, 2143-2157 Voltage stability analysis in transient and mid-term time scales. 1996, 11, 146-154	²⁷ ¹²⁷ 56
581 580 579 578 577	Res. 1995, 4, 219-283 Dynamical Systems: Stability, Dynamics, and Chaos (Clark Robinson). 1995, 37, 639-640 . 1995, 10, 1183-1194 The Surface Evolver and the stability of liquid surfaces. 1996, 354, 2143-2157 Voltage stability analysis in transient and mid-term time scales. 1996, 11, 146-154 A model study of intramolecular energy transfer in polyatomic molecular reactions. 1996, 94, 223-231	27 127 56

573	Dynamical Approach Study of Spurious Steady-State Numerical Solutions of Nonlinear Differential Equations, Part III. The Effects of Nonlinear Source Terms in Reaction-Convection Equations. 1996 , 6, 1-36	16
572	Basins of attraction estimation through symbolic graphical computing techniques. 1996 , 137-150	1
571	The Interaction of Shocks with Dispersive Waves I. Weak Coupling Limit. 1996 , 96, 201-246	1
570	Some aspects of numerical uncertainties in time-marching to steady-state numerical solutions. 1996 ,	3
569	Book reviews. 1996 , 58, 391-407	
568	New approaches to a classical theory of unimolecular reaction rate. 1996 , 58, 593-635	13
567	Dissection and reduction of a modeled bursting neuron. 1996 , 3, 199-223	19
566	A nonlinear RLC solar cycle model. 1996 , 163, 193-203	21
565	Dynamical Approach Study of Spurious Steady-State Numerical Solutions of Nonlinear Differential Equations Part IV. Stability vs. Methods of Discretizing Nonlinear Source Terms in Reaction-Convection Equations. 1996 , 6, 89-123	17
564	Variational Principle for Eigenvalue Problems of Hamiltonian Systems. 1996 , 77, 2847-2850	15
563	Stability of dynamic inversion control laws applied to nonlinear aircraft pitch-axis models. 1996 , 63, 1-25	22
562	Bifurcation and topology of equilbrium sets.	2
561	Liapunov-Floquet Transformation: Computation and Applications to Periodic Systems. 1996 , 118, 209-219	62
560	Adaptation from fixed weight dynamic networks.	13
559	Robust stabilization of vehicle dynamics by active front wheel steering control.	7
558	Determining limit cycles in fuzzy control systems.	17
557	Analysis of static and dynamic bifurcations from a feedback systems perspective. 1997 , 12, 293-317	6
556	Convergence under dynamical thresholds with delays. 1997 , 8, 341-8	82

555	Surge control and test functions for axial flow compressors. 1997,	1
554	On describing systems with periodic behaviour in terms of simple nonlinear models.	2
553	PD Control with Desired Gravity Compensation of Robotic Manipulators: A Review. 1997 , 16, 660-672	74
552	Domain Wall Dynamics and Preisach Modeling. 1997 , 125-146	1
551	Invariants and stability of control systems with transcritical and saddle-node bifurcations.	
550	On the analysis of time-periodic nonlinear dynamical systems. 1997 , 22, 411-434	7
549	PERIOD-DOUBLING BIFURCATIONS FOR SYSTEMS OF DIFFERENCE EQUATIONS AND APPLICATIONS TO MODELS IN POPULATION BIOLOGY. 1997 , 29, 185-199	10
548	Stability analysis of BWR nuclear-coupled thermal-hydraulics using a simple model. 1997 , 177, 155-177	61
547	Structural analysis of certain linear operators representing chemical network systems via the existence and uniqueness theorems of spectral resolution. III. 1997 , 63, 149-163	9
546	Bifurcations in the mechanics of hypoelastic composite materials. 1998 , 36, 1839-1862	1
545	Bifurcations of periodic orbits in axisymmetric scalefree potentials. 1998 , 867, 61-84	4
544	Tools for parameter studies in fluid dynamics. 1998 , 28, 1199-1216	2
543	Semiclassical quantum unimolecular reaction rate theory revisited. 1998, 230, 237-251	2
542	Identification of a nonlinear compressor model. 1998 , 46, 585-592	
541	Aggregation and emergence in systems of ordinary differential equations. 1998, 27, 1-21	51
540	Bifurcation in vehicle dynamics and robust front wheel steering control. 1998 , 6, 412-420	145
539	THEORETICAL APPROACH FOR IMPROVING THE VEHICLE ROBUST STABILITY AND MANEUVERABILITY BY ACTIVE FRONT WHEEL STEERING CONTROL. 1998 , 29, 748-753	3
538	A bifurcation-based procedure for designing and analysing robustly stable non-linear hydraulic servo systems. 1998 , 212, 383-394	1

537	Unified Approach to Hamiltonian Systems, Poisson Systems, Gradient Systems, and Systems with Lyapunov Functions or First Integrals. 1998 , 81, 2399-2403	66
536	Consistency of local dynamics and bifurcation of continuous-time dynamical systems and their numerical discretizations. 1998 , 4, 29-57	8
535	Bifurcations and Chaos in a PD-Controlled Pendulum. 1998 , 120, 146-149	6
534	Software Reviews. 1998 , 29, 427-433	
533	Bifurcation Scenario for the Period-3 Accelerator Modes in the Standard Map. 1999 , 75, 65-74	1
532	The Dynamics of Circle Homeomorphisms: A Hands-on Introduction. 1999 , 72, 3-13	5
531	Geometric integration using discrete gradients. 1999 , 357, 1021-1045	265
530	On a new type of bifurcation of limit cycles for a planar cubic system. 1999 , 36, 139-149	8
529	Mathematical analysis of binary activation of a cell cycle kinase which down-regulates its own inhibitor. 1999 , 79, 95-106	20
528	Optimal growth when tastes are inherited. 1999 , 23, 519-537	41
527	Bifurcation rigidity. 1999 , 129, 35-56	34
526	Remarks on the economic interpretation of Hopf bifurcations. 1999 , 62, 147-154	29
525	Stability analysis of nonlinear multivariable Takagi-Sugeno fuzzy control systems. 1999 , 7, 508-520	78
524	Resonant thermocapillary and buoyant flows with finite frequency gravity modulation. 1999 , 11, 2565-2576	9
523	Nonlinear Analysis of a Natural Circulation Boiling Water Reactor. 1999 , 131, 23-44	23
522	Effect of Void Distribution Parameter and Axial Power Profile on Boiling Water Reactor Bifurcation Characteristics. 2000 , 134, 227-235	14
521	Controlling activity fluctuations in large, sparsely connected random networks. 2000, 11, 63-81	11
520	Dynamic complexity in a Keynesian growth-cycle model involving Harrod's instability. 2000 , 71, 167-198	18

(2001-2000)

519	Singular PDEs and the problem of finding invariant manifolds for nonlinear dynamical systems. 2000 , 272, 257-263	16
518	Effects of a periodic perturbation on a discrete-time model of coupled oscillators. 2000 , 273, 70-79	5
517	Identification of ferroresonance as the cause of SVC instability in a degraded series compensated network.	4
516	Hopf bifurcation in discrete-time systems via a frequency domain approach.	1
515	Indirect control of high frequency power converters for AC generation. 2000,	1
514	Analysis of spatiotemporally periodic behavior in lattices of coupled piecewise monotonic maps. 2001 , 63, 017202	6
513	Hopf bifurcation and chaos in a free-running current-controlled Cuk switching regulator. 2000, 47, 448-457	90
512	Application of Melnikov's method for computing heteroclinic orbits in a classical SMIB power system model. 2000 , 47, 1085-1089	27
511	Bifurcation analysis of a feedback system with dead zone and saturation. 2000 , 20, 91-101	11
510	An analytical approach to the aircraft wing rock dynamics. 2001 ,	4
510 509	An analytical approach to the aircraft wing rock dynamics. 2001, Local and global bifurcations in simple Takagi-Sugeno fuzzy systems. 2001, 9, 355-368	16
509	Local and global bifurcations in simple Takagi-Sugeno fuzzy systems. 2001 , 9, 355-368 The Presence of Bifurcation in a Closed-Loop Discrete Control of a Flexible Benchmark Plant	16
509	Local and global bifurcations in simple Takagi-Sugeno fuzzy systems. 2001, 9, 355-368 The Presence of Bifurcation in a Closed-Loop Discrete Control of a Flexible Benchmark Plant analised from the Jury Stability Criterion. 2001, The minimal propagation speed of travelling waves for autocatalytic reaction-diffusion equations.	16 0
509 508 507	Local and global bifurcations in simple Takagi-Sugeno fuzzy systems. 2001, 9, 355-368 The Presence of Bifurcation in a Closed-Loop Discrete Control of a Flexible Benchmark Plant analised from the Jury Stability Criterion. 2001, The minimal propagation speed of travelling waves for autocatalytic reaction-diffusion equations. 2001, 18, 445-458	16 0
509 508 507 506	Local and global bifurcations in simple Takagi-Sugeno fuzzy systems. 2001, 9, 355-368 The Presence of Bifurcation in a Closed-Loop Discrete Control of a Flexible Benchmark Plant analised from the Jury Stability Criterion. 2001, The minimal propagation speed of travelling waves for autocatalytic reaction-diffusion equations. 2001, 18, 445-458 Asymptotic formulas for Melnikov integrals with application to a sliding Toggle block. 2001, 44, 179-188	16 O
509 508 507 506 505	Local and global bifurcations in simple Takagi-Sugeno fuzzy systems. 2001, 9, 355-368 The Presence of Bifurcation in a Closed-Loop Discrete Control of a Flexible Benchmark Plant analised from the Jury Stability Criterion. 2001, The minimal propagation speed of travelling waves for autocatalytic reaction-diffusion equations. 2001, 18, 445-458 Asymptotic formulas for Melnikov integrals with application to a sliding Toggle block. 2001, 44, 179-188 The decay process of rotating unstable systems through the passage time distribution. 2001, 294, 85-95	16 O 2

501	Global dynamics and stochastic resonance of the forced FitzHugh-Nagumo neuron model. 2001, 63, 031906	41
500	Computation of limit cycle via higher order harmonic balance approximation and its application to a 3-bus power system. 2002 , 49, 1360-1370	6
499	Hopf bifurcation for maps: a frequency-domain approach. 2002 , 49, 281-288	15
498	Analysis of the Two-Degree-of-Freedom Wing Rock in Advanced Aircraft. 2002 , 25, 324-333	13
497	CHARACTERIZATION OF DYNAMIC BIFURCATIONS IN THE FREQUENCY DOMAIN. 2002, 12, 87-101	5
496	Reversible Complex Hħon Maps. 2002 , 11, 339-347	4
495	Some extensions of a new method to analyze complete stability of neural networks. 2002, 13, 1230-8	33
494	Bifurcation Analysis of Higherm:nResonance Spectroscopic Hamiltonianâ 2002, 106, 10797-10805	15
493	Nonlinear Partial Differential Equations. 2002 , 267-358	
492	Dynamical Systems: Basic Theory. 2002 , 11-59	
49 ²	Dynamical Systems: Basic Theory. 2002, 11-59 The existence and codimension of parameter-space submanifolds limiting simultaneous regulation. 2002,	
	The existence and codimension of parameter-space submanifolds limiting simultaneous regulation.	3
491	The existence and codimension of parameter-space submanifolds limiting simultaneous regulation. 2002,	3
491 490	The existence and codimension of parameter-space submanifolds limiting simultaneous regulation. 2002, On Invariance Factors and Invariance Vectors for Difference Equations. 2002, 8, 1133-1146	
491 490 489	The existence and codimension of parameter-space submanifolds limiting simultaneous regulation. 2002, On Invariance Factors and Invariance Vectors for Difference Equations. 2002, 8, 1133-1146 The Conley Index and Rigorous Numerics for Attracting Periodic Orbits. 2002, 65-74	3
491 490 489 488	The existence and codimension of parameter-space submanifolds limiting simultaneous regulation. 2002, On Invariance Factors and Invariance Vectors for Difference Equations. 2002, 8, 1133-1146 The Conley Index and Rigorous Numerics for Attracting Periodic Orbits. 2002, 65-74 Static simulation of voltage collapse considering the operational limits of the generators.	3
491 490 489 488 487	The existence and codimension of parameter-space submanifolds limiting simultaneous regulation. 2002, On Invariance Factors and Invariance Vectors for Difference Equations. 2002, 8, 1133-1146 The Conley Index and Rigorous Numerics for Attracting Periodic Orbits. 2002, 65-74 Static simulation of voltage collapse considering the operational limits of the generators. Ferroresonance studies in Malaysian utility's distribution network.	2

483	Self-organization in evolution: a mathematical perspective. 2003 , 361, 1101-23	16
482	A Trilinear Three-Body Problem. 2003 , 13, 2141-2155	1
481	Global Asymptotic Behavior of a Two-dimensional System of Difference Equations Modeling Cooperation. 2003 , 9, 149-159	14
480	The steady-state behavior of the Prandtl-Reuss material bifurcated under nonproportional circular strain paths. 2003 , 26, 173-190	6
479	Bibliography. 2004 , 431-455	
478	Bogdanov-Takens bifurcation in indirect field oriented control of induction motor drives. 2004,	5
477	NUMERICAL ANALYSIS OF DEGENERATE CONNECTING ORBITS FOR MAPS. 2004 , 14, 3385-3407	22
476	Analytical Theory of Three-Degree-of-Freedom Aircraft Wing Rock. 2004 , 27, 657-664	21
475	Discrete Mayâlleonard Competition Models III. 2004, 10, 773-790	10
474	STABILIZATION OF THERMAL NEUROCONTROLLERS. 2004 , 18, 447-466	7
473	Working and Training: A Nonlinear Dynamic Analysis of Human Capital Development. 2004 , 55, 119-140	1
472	Completing Book II of Archimedesâl On Floating Bodies. 2004 , 26, 32-42	21
471	On some dynamic peculiarities of the charge transfer with adsorption and attractive interactions. 2004 , 49, 2259-2269	10
470	On the behavior of solutions in viral dynamical models. 2004 , 73, 157-61	41
469	•	1
468	A linearized model for the line of sight guidance law.	1
467	Evolution of Crystal Shape. 2004 , 4, 109-112	36
466	Some Invariant Manifolds for Functional Difference Equations with Infinite Delay. 2004 , 10, 661-689	18

465	Topological Equivalence, Bifurcations, and Structural Stability of Dynamical Systems. 2004 , 39-76	1
464	Nonlinear Systems and Bifurcations. 2004,	Ο
463	Discrete Mayâ[leonard Competition Models I. 2004 , 10, 77-98	18
462	Investigating the Nonlinear Dynamics of Natural-Circulation, Boiling Two-Phase Flows. 2004 , 146, 244-256	12
461	PD Control with Desired Gravity Compensation. 2005 , 171-199	1
460	On the period of the limit cycles appearing in one-parameter bifurcations. 2005 , 213, 255-288	10
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457	Periodic Delay Effects on Cutting Dynamics. 2005 , 17, 353-389	2
456	Double Hopf Bifurcation Analysis Using Frequency Domain Methods. <i>Nonlinear Dynamics</i> , 2005 , 39, 235-358	14
456 455	Double Hopf Bifurcation Analysis Using Frequency Domain Methods. <i>Nonlinear Dynamics</i> , 2005 , 39, 235- <u>2</u> 58 A Dynamic Analysis of Moving Average Rules. 2005 ,	3
455	A Dynamic Analysis of Moving Average Rules. 2005,	
455 454	A Dynamic Analysis of Moving Average Rules. 2005, A direct construction of nonlinear discrete-time observer with linearizable error dynamics.	
455 454 453	A Dynamic Analysis of Moving Average Rules. 2005, A direct construction of nonlinear discrete-time observer with linearizable error dynamics. Attractive Regions in Power Systems by Singular Perturbation Analysis. 2005, 121-142 BIFURCATION ANALYSIS OF A ROTATING ARM WITH SATURATED HAMILTONIAN CONTROL LAWS.	
455 454 453 452	A Dynamic Analysis of Moving Average Rules. 2005, A direct construction of nonlinear discrete-time observer with linearizable error dynamics. Attractive Regions in Power Systems by Singular Perturbation Analysis. 2005, 121-142 BIFURCATION ANALYSIS OF A ROTATING ARM WITH SATURATED HAMILTONIAN CONTROL LAWS. 2005, 15, 3223-3243 VIRUS REPLICATION FACTOR MAY BE A CONTROLLING AGENT FOR OBTAINING DISEASE-FREE	3
455 454 453 452 451	A Dynamic Analysis of Moving Average Rules. 2005, A direct construction of nonlinear discrete-time observer with linearizable error dynamics. Attractive Regions in Power Systems by Singular Perturbation Analysis. 2005, 121-142 BIFURCATION ANALYSIS OF A ROTATING ARM WITH SATURATED HAMILTONIAN CONTROL LAWS. 2005, 15, 3223-3243 VIRUS REPLICATION FACTOR MAY BE A CONTROLLING AGENT FOR OBTAINING DISEASE-FREE SYSTEM IN A MULTI-SPECIES ECO-EPIDEMIOLOGICAL SYSTEM. 2005, 13, 245-259 Power system low-voltage solutions using an auxiliary gradient system for voltage collapse	3

447	All-pole phase-locked loops: calculating lock-in range by using Evan's root-locus. 2006 , 79, 822-829	16
446	Prediction of Helicopter Critical Flight Regimen by Continuation and Bifurcation Methods. 2006,	2
445	Continuation of Periodic Orbits of a Third Order Oscillator under Autonomous Perturbation. 2006 , 4, 191-197	
444	Dynamic magnetization states of a spin valve in the presence of dc and ac currents: Synchronization, modification, and chaos. 2006 , 74,	50
443	An Energy Analysis of the Local Dynamics of a Delayed Oscillator Near a Hopf Bifurcation. <i>Nonlinear Dynamics</i> , 2006 , 46, 149-159	10
442	Asymptotic behaviour of a family of gradient algorithms in Rd and Hilbert spaces. 2006 , 107, 409-438	9
441	Vector field design on surfaces. 2006 , 25, 1294-1326	146
440	A direct method for the construction of nonlinear discrete-time observer with linearizable error dynamics. 2006 , 51, 128-135	22
439	Moving horizon numerical observers of nonlinear control systems. 2006 , 51, 344-350	31
438	On scattering trajectories of dynamical systems. 2006 , 47, 062703	1
437	Stability Analysis of Two Closed-Loop Systems for Suppressing Transient Gain Excursions in an Erbium-Doped Fibre Amplifier. 2006 ,	
436	Phase control of intermittency in dynamical systems. 2006 , 74, 016202	12
435	AN ENERGY ANALYSIS OF NONLINEAR OSCILLATORS WITH TIME-DELAYED COUPLING. 2006 , 16, 2275-2292	8
434	ON PERIODIC SOLUTIONS OF A TWO-NEURON NETWORK SYSTEM WITH SIGMOIDAL ACTIVATION FUNCTIONS. 2006 , 16, 1405-1417	1
433		
100	THE DJASIEWICZ EXPONENT AT AN EQUILIBRIUM POINT OF A STANDARD CNN IS 1/2. 2006, 16, 2191-2205	17
432	THE DJASIEWICZ EXPONENT AT AN EQUILIBRIUM POINT OF A STANDARD CNN IS 1/2. 2006 , 16, 2191-2205 PSEUDO-OSCILLATOR ANALYSIS OF SCALAR NONLINEAR TIME-DELAY SYSTEMS NEAR A HOPF BIFURCATION. 2007 , 17, 2805-2814	17 14
	PSEUDO-OSCILLATOR ANALYSIS OF SCALAR NONLINEAR TIME-DELAY SYSTEMS NEAR A HOPF	,

429	A Delay-Duhem model for jump-resonance hysteresis. 2007,	3
428	An advantage of chaotic neural dynamics. 2007,	
427	Parametric oscillation threshold of semiconductor microcavities in the strong coupling regime. 2007 , 75,	63
426	Vector field editing and periodic orbit extraction using Morse decomposition. 2007, 13, 769-85	87
425	The Bohm Plasma-Sheath Model and the Bohm Criterion Revisited. 2007, 35, 1341-1349	23
424	Use of Bifurcation and Continuation Methods for Aircraft Trim and Stability Analysis - A State-of-the-Art. 2007 ,	10
423	Stability and bifurcation in a discrete-time predatorâprey model. 2007 , 13, 911-925	14
422	Growth, decay and bifurcation of shock amplitudes under the type-II flux law. 2007, 463, 2783-2798	28
421	An ecoepidemiological model with disease in predator: the ratio-dependent case. 2007 , 30, 1791-1809	64
420	Propagation speeds of traveling fronts for higher order autocatalytic reaction-diffusion systems. 2007 , 24, 79-104	3
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418	Singular Perturbation Problems Arising from the Anisotropy of Crystalline Grain Boundaries. 2007 , 19, 935-949	3
417	Bifurcations and Chaos in Duffing Equation. 2007, 23, 665-684	11
416	Mathematical model of BCG immunotherapy in superficial bladder cancer. 2007 , 69, 1847-70	60
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414	Closed form solution of a periodically forced logistic model. 2008 , 54, 85-94	3
413	Economics of externalities and public policy. 2008 , 55, 285-311	11
412	Dynamics of a FitzHugh-Nagumo system subjected to autocorrelated noise. 2008 , 65, 443-451	67

411	Cycles of two-dimensional systems: Computer calculations, proofs, and experiments. 2008 , 41, 216-250	11
410	JAPANESE CONTRIBUTIONS TO NONLINEAR CYCLE THEORY IN THE 1950s*. 2008, 59, 54-74	8
409	REPLANNING MECHANISM FOR DELIBERATIVE AGENTS IN DYNAMIC CHANGING ENVIRONMENTS. 2008 , 24, 77-107	45
408	Efficient morse decompositions of vector fields. 2008 , 14, 848-62	51
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406	KPP type flame fronts in porous media. <i>Nonlinearity</i> , 2008 , 21, 973-992	4
405	CODIMENSION-TWO BIFURCATIONS IN INDIRECT FIELD ORIENTED CONTROL OF INDUCTION MOTOR DRIVES. 2008 , 18, 779-792	9
404	Sliding mode controlled bifurcations for power control in wireless networks with mobile users. 2008 ,	1
403	Interaction of reed and acoustic resonator in clarinetlike systems. 2008, 124, 3284-95	24
402	Power control in mobile wireless networks using sliding mode extremum seeking control implementing bifurcations. 2008 ,	1
401	Master Stability Equations of Complex Dynamical Networks with General Topology. 2008, 41, 1547-1552	3
400	Qualitative Tools for Studying Periodic Solutions and Bifurcations as Applied to the Periodically Harvested Logistic Equation. <i>American Mathematical Monthly</i> , 2008 , 115, 202-219	21
399	Spin-wave analysis of uniaxial nanopillar devices. 2009 , 105, 07D104	7
398	LOCAL STABILITY OF CONTINUOUS DYNAMICAL SYSTEMS IN THE PRESENCE OF NONHYPERBOLIC EQUILIBRIA. 2009 , 19, 1051-1057	1
397	PARAMETRICALLY DRIVEN INSTABILITY IN QUASI-REVERSAL SYSTEMS. 2009, 19, 3525-3532	27
396	Spatial economic self-organization with periodic and quasiperiodic dynamics. 2009 , 29, 161-183	1
395	Delayed Random Walks: Investigating the Interplay Between Delay and Noise. 2009, 1-31	4
394	STABILITY OF FUZZY DYNAMIC SYSTEMS. 2009 , 17, 69-83	35

393	Kinetics of photoinduced ordering in azo-dye films: two-state and diffusion models. 2009, 80, 011706	25
392	Nonlinear feedback models of hysteresis. 2009 , 29, 100-119	35
391	Nonlinear-dynamical-system approach to microwave-assisted magnetization dynamics (invited). 2009 , 105, 07B712	45
390	On some properties of even-symmetric and odd-symmetric dynamical systems. 2009 , 38, 1171-1181	1
389	The Resistive State in a Superconducting Wire: Bifurcation from the Normal State. <i>Archive for Rational Mechanics and Analysis</i> , 2010 , 195, 117-158	21
388	Topological Approach to Rigorous Numerics of Chaotic Dynamical Systems with Strong Expansion of Error Bounds. 2010 , 10, 191-220	6
387	A Survey on the Inverse Integrating Factor. <i>Qualitative Theory of Dynamical Systems</i> , 2010 , 9, 115-166 o.8	31
386	Hantavirus transmission in sylvan and peridomestic environments. 2010 , 72, 541-64	9
385	Stability of Quasi-Periodic Orbits in Recurrent Neural Networks. 2010 , 31, 269-281	4
384	Global Existence of Periodic Solutions in a Delayed Tumor-Immune Model. <i>Mathematical Modelling of Natural Phenomena</i> , 2010 , 5, 29-34	2
383	Quasiperiodic motions in dynamical systems: Review of a renormalization group approach. 2010 , 51, 015207	19
382	Effect of a sharp change of the incidence function on the dynamics of a simple disease. 2010 , 4, 490-505	5
381	AnsEze zur Ordnungsreduktion von nichtlinearen Oszillatormodellen zur Anwendung im Schaltungsentwurf. 2010 , 8, 151-160	
380	STABILITY ANALYSIS OF A LOTKAÂÑOLTERRA TYPE PREDATORÂÑREY SYSTEM INVOLVING ALLEE EFFECTS. 2010 , 52, 139-145	10
379	Resistance to antitumor chemotherapy due to bounded-noise-induced transitions. 2010 , 82, 061901	39
378	Analysis of recurrent patterns in toroidal magnetic fields. 2010 , 16, 1431-40	21
377	Discrete Dynamical Systems for encoding Concurrent Computing Systems. 2010,	2
376	Monopoly with local knowledge of demand function. 2011 , 28, 299-307	24

375	Theoretical prediction of the onset of thermoacoustic instability from the experimental transfer matrix of a thermoacoustic core. 2011 , 130, 145-52	26
374	Nonlinear Problems. 2011, 557-635	
373	Stable Morse Decompositions for Piecewise Constant Vector Fields on Surfaces. 2011 , 30, 851-860	15
372	Spike transitions in the FitzHugh-Nagumo model. 2011 , 126, 1	3
371	Generalized Hopf Bifurcation for Planar Vector Fields via the Inverse Integrating Factor. 2011, 23, 251-281	15
370	Transition to Longitudinal Instability of Detonation Waves is Generically Associated with Hopf Bifurcation to Time-Periodic Galloping Solutions. 2011 , 302, 1-51	14
369	Stability in geomechanics, experimental and numerical analyses. 2011 , 35, 112-139	20
368	Phase Plane Analysis for Vehicle Handling and Stability. 2011 , 4, 1179-1186	18
367	Judging model reduction of complex systems. 2011 , 83, 046125	3
366	An extension of the invariance principle for switched nonlinear systems. 2011 ,	1
366 365	An extension of the invariance principle for switched nonlinear systems. 2011 , STABILITY ANALYSIS WITH APPLICATIONS OF A TWO-DIMENSIONAL DYNAMICAL SYSTEM ARISING FROM A STOCHASTIC MODEL FOR AN ASSET MARKET. 2011 , 11, 715-752	1
	STABILITY ANALYSIS WITH APPLICATIONS OF A TWO-DIMENSIONAL DYNAMICAL SYSTEM ARISING	2
365	STABILITY ANALYSIS WITH APPLICATIONS OF A TWO-DIMENSIONAL DYNAMICAL SYSTEM ARISING FROM A STOCHASTIC MODEL FOR AN ASSET MARKET. 2011 , 11, 715-752	2
365	STABILITY ANALYSIS WITH APPLICATIONS OF A TWO-DIMENSIONAL DYNAMICAL SYSTEM ARISING FROM A STOCHASTIC MODEL FOR AN ASSET MARKET. 2011 , 11, 715-752 Dynamics of a discrete-time hostâparasitoid system with cannibalism. 2011 , 5, 419-435	2
365 364 363	STABILITY ANALYSIS WITH APPLICATIONS OF A TWO-DIMENSIONAL DYNAMICAL SYSTEM ARISING FROM A STOCHASTIC MODEL FOR AN ASSET MARKET. 2011 , 11, 715-752 Dynamics of a discrete-time hostâparasitoid system with cannibalism. 2011 , 5, 419-435 A new algorithm for proving global asymptotic stability of rational difference equations. 2012 , 18, 1853-1873 Quasi-equilibrium reduction in a general class of stoichiometric producer-consumer models. 2012 ,	2
365 364 363 362	STABILITY ANALYSIS WITH APPLICATIONS OF A TWO-DIMENSIONAL DYNAMICAL SYSTEM ARISING FROM A STOCHASTIC MODEL FOR AN ASSET MARKET. 2011, 11, 715-752 Dynamics of a discrete-time hostâparasitoid system with cannibalism. 2011, 5, 419-435 A new algorithm for proving global asymptotic stability of rational difference equations. 2012, 18, 1853-1873 Quasi-equilibrium reduction in a general class of stoichiometric producer-consumer models. 2012, 6, 992-1018	2
365 364 363 362 361	STABILITY ANALYSIS WITH APPLICATIONS OF A TWO-DIMENSIONAL DYNAMICAL SYSTEM ARISING FROM A STOCHASTIC MODEL FOR AN ASSET MARKET. 2011, 11, 715-752 Dynamics of a discrete-time hostâparasitoid system with cannibalism. 2011, 5, 419-435 A new algorithm for proving global asymptotic stability of rational difference equations. 2012, 18, 1853-1873 Quasi-equilibrium reduction in a general class of stoichiometric producer-consumer models. 2012, 6, 992-1018 Skew-Symmetric Tensors and Exterior Algebra. 2012, 29-40	2 1 1

357	INTERACTION BETWEEN PERIODIC ELASTIC WAVES AND TWO CONTACT NONLINEARITIES. 2012 , 22, 1150022	7
356	COALESCENCE OF THE TWO SECONDARY RESPONSES IN COUPLED DUFFING EQUATIONS. 2012 , 22, 1250149	
355	Resonance Phenomena in a Singular Perturbation Problem in the Case of Exchange of Stabilities. 2012 , 37, 1620-1667	5
354	Stability to Finite Disturbances: Energy Method and Landauâl Equation. 2012 , 291-464	
353	Geometric Integration of Quaternions. 2012,	1
352	Visualizing spacetime curvature via gradient flows. I. Introduction. 2012 , 86,	7
351	Global dynamics of certain competitive system in the plane. 2012 , 18, 1951-1966	5
350	Continuity of Dynamical Structures for Nonautonomous Evolution Equations Under Singular Perturbations. 2012 , 24, 427-481	8
349	Jacobi Stability of Circular Orbits in a Central Force. 2012 , 10, 197-214	10
348	Design of 2D time-varying vector fields. 2012 , 18, 1717-30	16
347	Constrained power control in mobile wireless networks using nonlinear control techniques. 2012,	
346	Liapunov Stability Versus Jacobi Stability. 2012 , 10, 13-32	10
345	Global study of the simple pendulum by the homotopy analysis method. 2012 , 33, 231-241	5
344	Photoinduced reordering in thin azo-dye films and light-induced reorientation dynamics of the nematic liquid-crystal easy axis. 2012 , 86, 011706	10
343	Stability and Bifurcation of Ring-Structured Genetic Regulatory Networks With Time Delays. 2012 , 59, 1312-1320	26
342	Nonlinear Systems. 2012 , 347-362	1
341	Compartment Graphs and Linear Systems. 2012 , 327-346	
340	Fine-tuning anti-tumor immunotherapies via stochastic simulations. 2012 , 13 Suppl 4, S8	10

(2013-2012)

339	Patterns of boundedness of the rational system x n+1 = $\frac{1}{1}$ / (A 1 + B 1 x n + C 1 y n) and y n+1 = ($\frac{1}{2}$ + $\frac{1}{2}$ x n + $\frac{1}{2}$ y n) / (A 2 + B 2 x n + C 2 y n). 2012 , 18, 89-110	4
338	Finite-temperature dynamics of matter-wave dark solitons in linear and periodic potentials: An example of an antidamped Josephson junction. 2012 , 86,	1
337	Semiclassical and spectral analysis of oceanic waves. 2012 , 161,	5
336	Effect of resource subsidies on predator-prey population dynamics: a mathematical model. 2012 , 6, 891-92	2 18
335	A dynamical approach to music analysis. 2012 , 6, 207-219	3
334	From Van der Pol to Chua: An introduction to nonlinear dynamics and chaos for second year undergraduates. 2012 ,	1
333	Analysis of magnetization instability patterns in spin-transfer nano-oscillators. 2012, 85, 1	3
332	Properties of traveling waves for integrodifference equations with nonmonotone growth functions. 2012 , 63, 249-259	8
331	Aquaculture-induced changes to dynamics of a migratory host and specialist parasite: a case study of pink salmon and sea lice. 2012 , 5, 231-252	6
330	A state dependent pulse control strategy for a SIRS epidemic system. 2013 , 75, 1697-715	17
329	Global dynamics of a modified Leslie-Gower predator-prey model with Crowley-Martin functional responses. 2013 , 43, 271-293	22
328	Three-dimensional pursuer convoy by using guidance laws. 2013 , 11, 442-453	Ο
327	Oscillation death in a coupled van der PolâMathieu system. 2013 , 81, 677-690	6
326	Quasi-homologous spherically symmetric branes and their symmetry breaking. 2013 , 73, 1	
325	Coexistence in a discrete competition model with dispersal. 2013 , 19, 615-632	5
324	Phase shielding soliton in parametrically driven systems. 2013 , 87, 052915	6
323	Dissipative Josephson junction of an optical soliton and a surface plasmon. 2013 , 87,	5
322	Multiple Scales. <i>Texts in Applied Mathematics</i> , 2013 , 139-221	

321	Introduction to Asymptotic Approximations. Texts in Applied Mathematics, 2013, 1-56	2.1	
320	Matched Asymptotic Expansions. <i>Texts in Applied Mathematics</i> , 2013 , 57-137	2.1	
319	The WKB and Related Methods. Texts in Applied Mathematics, 2013, 223-296	2.1	
318	The Method of Homogenization. <i>Texts in Applied Mathematics</i> , 2013 , 297-324	2.1	
317	Introduction to Bifurcation and Stability. Texts in Applied Mathematics, 2013, 325-392	2.1	
316	Communication: Induced photoemission from nonadiabatic dynamics assisted by dynamical Stark effect. 2013 , 138, 161103		16
315	Dynamics in two nonsmooth predatorâßrey models with threshold harvesting. <i>Nonlinear Dynamics</i> , 2013 , 74, 107-132	5	14
314	Competitive exclusion and coexistence in a LeslieâCower competition model with Allee effects. 2013 , 92, 1527-1540		5
313	Period-doubling route to chaos in shunting inhibitory cellular neural networks. 2013,		1
312	Dynamics of a Single Species in a Fluctuating Environment under Periodic Yield Harvesting. 2013 , 2013, 1-12		2
311	Variance-Constrained Multiobjective Control and Filtering for Nonlinear Stochastic Systems: A Survey. 2013 , 2013, 1-13		2
310	Existence of a Period-Two Solution in Linearizable Difference Equations. <i>Discrete Dynamics in Nature and Society</i> , 2013 , 2013, 1-9	1.1	
309	An aeroelastic instability provides a possible basis for the transition from gliding to flapping flight. 2013 , 10, 20120940		19
308	Stability of ion confinement for a novel mass spectrometer of infinite mass range. 2013 , 103, 10009		O
307	Bifurcations in Van der Pol-Like Systems. 2013 , 2013, 1-8		
306	Dynamics of Numerics of Nonautonomous Equations with Periodic Solutions: Introducing the Numerical Floquet Theory. 2013 , 2013, 1-11		
305	Bridging steady states with renormalization group analysis. 2013 , 87, 012914		2
304	The dynamically extended mind. 2013,		21

303	Geometric Integration of Quaternions. 2013 , 36, 1762-1767		30
302	HARVESTING IN A STAGE-STRUCTURED POPULATION WITH APPLICATIONS TO THE RED SNAPPER IN THE GULF OF MEXICO. 2013 , 21, 1350009		
301	MECHANISMS OF PATTERN FORMATION IN SPATIAL ECONOMIES. <i>Journal of Japan Society of Civil Engineers Ser D3 (Infrastructure Planning and Management)</i> , 2013 , 69, I_31-I_46	0.1	
300	Dynamic Behavior of Real and Stock Markets with a Varying Degree of Interaction. 2013,		2
299	Dynamics in a Nonlinear Keynesian Good Market Model. 2013 ,		1
298	Discrete and rhythmic movements âlust a bifurcation apart?. 2014 ,		
297	Asymmetrical Bloch branes and the hierarchy problem. 2014 , 108, 11001		22
296	Impact of wind generation variability on small signal stability of power systems. 2014,		3
295	Bifurcation of Travelling Wave Solutions of the Generalized Zakharov Equation. 2014, 2014, 1-11		0
294	A Postverification Method for Solving Forced Duffing Oscillator Problems without Prescribed Periods. 2014 , 2014, 1-10		
293	Induced photoemission from driven nonadiabatic dynamics in an avoided crossing system. 2014 , 141, 234301		7
292	On the existence of traveling wave solutions and upper and lower bounds for some FisherâRolmogorov type equations. 2014 , 07, 1450050		5
291	Nonlinear Ordinary Differential Equations. 2014 , 1-43		
290	ON TURBULENCE MODELLING AND THE TRANSITION FROM LAMINAR TO TURBULENT FLOW. 2014 , 56, 28-47		3
289	The oscillations killer: a mechanism to eliminate undesired limit cycles in a class of nonlinear systems. 2014 , 24, 39-53		2
288	Entire parabolic trajectories as minimal phase transitions. 2014 , 49, 391-429		13
287	Dynamic Backhaul Resource Allocation: An Evolutionary Game Theoretic Approach. 2014 , 62, 691-698		17
286	Entrainment by Chaos. 2014 , 24, 411-439		26

285	Stochasticity and noise-induced transition of genetic toggle switch. 2014 , 2,	11
284	Localized chaotic patterns in weakly dissipative systems. <i>European Physical Journal: Special Topics</i> , 2.3	12
283	Dynamics in a nonlinear Keynesian good market model. 2014 , 24, 013142	12
282	Effect of fluid inertia on the dynamics and scaling of neutrally buoyant particles in shear flow. 2014 , 738, 563-590	49
281	Bifurcations and chaos of a discrete mathematical model for respiratory process in bacterial culture. 2014 , 30, 871-886	
280	Chaotification of Impulsive Systems by Perturbations. 2014 , 24, 1450078	10
279	Complex dynamic behavior in a viral model with state feedback control strategies. <i>Nonlinear Dynamics</i> , 2014 , 77, 1223-1236	7
278	On trade-off between computational efficiency and prediction accuracy in bandwidth traffic estimation. 2014 , 50, 754-756	6
277	Non-linear oscillator models for the X-ray bursting of the microquasar GRS 1915+105. 2014 , 352, 699-714	13
276	On the nature of seizure dynamics. 2014 , 137, 2210-30	397
276 275	On the nature of seizure dynamics. 2014 , 137, 2210-30 Continuation and collapse of homoclinic tangles. 2014 , 1, 71-109	397
275	Continuation and collapse of homoclinic tangles. 2014 , 1, 71-109	1
² 75	Continuation and collapse of homoclinic tangles. 2014 , 1, 71-109 Dynamic behavior of product and stock markets with a varying degree of interaction. 2014 , 41, 191-197 The dynamical states of a prolate spheroidal particle suspended in shear flow as a consequence of	1 15
² 75 ² 74 ² 73	Continuation and collapse of homoclinic tangles. 2014 , 1, 71-109 Dynamic behavior of product and stock markets with a varying degree of interaction. 2014 , 41, 191-197 The dynamical states of a prolate spheroidal particle suspended in shear flow as a consequence of particle and fluid inertia. 2015 , 771, 115-158	1 15 26
²⁷⁵ ²⁷⁴ ²⁷³	Continuation and collapse of homoclinic tangles. 2014, 1, 71-109 Dynamic behavior of product and stock markets with a varying degree of interaction. 2014, 41, 191-197 The dynamical states of a prolate spheroidal particle suspended in shear flow as a consequence of particle and fluid inertia. 2015, 771, 115-158 A highly specific test for periodicity. 2015, 25, 113106 A financial market model with endogenous fundamental values through imitative behavior. 2015,	1 15 26
275 274 273 272 271	Continuation and collapse of homoclinic tangles. 2014, 1, 71-109 Dynamic behavior of product and stock markets with a varying degree of interaction. 2014, 41, 191-197 The dynamical states of a prolate spheroidal particle suspended in shear flow as a consequence of particle and fluid inertia. 2015, 771, 115-158 A highly specific test for periodicity. 2015, 25, 113106 A financial market model with endogenous fundamental values through imitative behavior. 2015, 25, 073110	1 15 26 1

(2016-2015)

267	Dynamics of a Discrete Host-Parasitoid System with Stocking. <i>Discrete Dynamics in Nature and Society</i> , 2015 , 2015, 1-6	1
266	Oscillations, Feedback and Bifurcations in Mathematical Models of Angiogenesis and Haematopoiesis. 2015 , 373-390	4
265	Theory of Bifurcations. 2015 , 203-254	
264	Bifurcations of fuzzy solutions. 2015 ,	
263	Maximum amplitude of limit cycles in Liĥard systems. 2015 , 91, 012927	2
262	Metastability in a class of hyperbolic dynamical systems perturbed by heavy-tailed Lvy type noise. 2015 , 15, 1550019	9
261	(L^2)-energy decay of convective nonlinear PDEs reactionâdiffusion systems via auxiliary ODEs systems. 2015 , 64, 251-287	13
260	Global analysis of a model of bioreactor with cell recycling using general form of rate functionsPeer review under responsibility of Taibah UniversityView all notes. 2015 , 9, 381-398	1
259	Analysis of multiple quasi-periodic orbits in recurrent neural networks. 2015 , 162, 85-95	2
258	Toward a Model of Functional Brain Processes I: Central Nervous System Functional Micro-architecture. 2015 , 25, 217-238	23
257	Dynamics of a system of three interacting populations with Allee effects and stocking. 2015 , 21, 336-359	4
256	Introducing a price variation limiter mechanism into a behavioral financial market model. 2015, 25, 083112	8
255	Subtropical Real Root Finding. 2015 ,	5
254	Dynamical analysis of public health education on HIV/AIDS transmission. 2015 , 38, 3601-3614	5
	Lateral stability region conservativeness estimation and torque distribution for FWIA electric	8
253	vehicle steering. 2015 , 58, 669-676	
253		3
	vehicle steering. 2015 , 58, 669-676 State-Dependent Impulsive Control Strategies for a Tumor-Immune Model. <i>Discrete Dynamics in</i>	

249	Bifurcation dynamics of the tempered fractional Langevin equation. 2016 , 26, 084310		7
248	Economics and econophysics in the era of Big Data. <i>European Physical Journal: Special Topics</i> , 2016 , 225, 3159-3170	.3	1
247	Nonlinear ghost waves accelerate the progression of high-grade brain tumors. 2016 , 39, 360-380		6
246	Stability of a predatorâprey model with refuge effect. 2016 , 22, 989-1004		9
245	Atherosclerosis: The Risk of High Cholesterol. 2016 , 129-136		
244	System of Two Linear Differential Equations. 2016 , 29-42		
243	Bacterial Growth in Chemostat. 2016 , 3-27		
242	The Chemostat Model Revisited. 2016 , 87-95		
241	Research on stability and Hopf bifurcation of marine ecosystem dynamics models. 2016 , 35, 124-132		
240	A non-autonomous optimal control model of renewable energy production under the aspect of fluctuating supply and learning by doing. 2016 , 38, 545-575		1
239	Fitting Nonlinear Ordinary Differential Equation Models with Random Effects and Unknown Initial Conditions Using the Stochastic Approximation Expectation-Maximization (SAEM) Algorithm. 2016 , 81, 102-34		21
238	Robust Approximation Algorithms for the Detection of Attraction Basins in Dynamical Systems. 2016 , 68, 395-415		18
237	Delay Effects on the Dynamics of the Lengyelâ E pstein Reaction-Diffusion Model. <i>Advances in Dynamics, Patterns, Cognition</i> , 2016 , 125-160	·7	2
236	Chaos by Neural Networks. 2016 , 311-405		1
235	A Computable Criterion for the Existence of Connecting Orbits in Autonomous Dynamics. 2016 , 28, 1081-	111	44
234	Asymptotic analysis of continuous fuzzy flows. 2017 , 36, 1681-1697		1
233	Dynamic Allocation of Backhaul Resources in Converged Wireless-Optical Networks. 2017 , 35, 280-287		9
232	Dynamics of SIS Epidemic Model with Varying Total Population and Multivaccination Control Strategies. 2017 , 139, 533-550		2

231	HOPF CYCLES IN ONE-SECTOR OPTIMAL GROWTH MODELS WITH TIME DELAY. 2017 , 21, 1887-1901	2
230	A Coalitional and Two-Level Game Based Approach for Spectrum Leasing in MIMO Cooperative Cognitive Radio Networks. 2017 , 96, 741-763	
229	An SIS epidemic model with diffusion. 2017 , 32, 127-146	5
228	Mathematical Analysis of an SIQR Influenza Model with Imperfect Quarantine. 2017 , 79, 1612-1636	26
227	The impact of constant effort harvesting on the dynamics of a discrete-time contest competition model. 2017 , 40, 6747-6759	
226	Period-doubling and NeimarkâBacker bifurcations in a larch budmoth population model. 2017 , 1-21	
225	Bifurcations and Chaos in the Duffing Equation with Parametric Excitation and Single External Forcing. 2017 , 27, 1750125	11
224	Relaxation oscillation of borosilicate glasses in supercooled liquid region. 2017 , 7, 15872	3
223	Chaotic rotation of a spheroidal particle in simple shear flow. 2017 , 27, 063112	3
222	Useful Mathematical Tools for Capacity Approaching Codes Design. 2017, 21, 1949-1952	14
221	A First Investigation on the Dynamics of Two Delayed Neurons through Fuzzy Transform Approximation. 2017 ,	О
220	Homoclinic and heteroclinic motions in hybrid systems with impacts. 2017 , 67, 1179-1188	3
219	Iterative Solutions of Nonlinear Systems, Solution Manifolds, and Bifurcations. 2017, 1-27	
218	Invariant curves for planar competitive and cooperative maps. 2018 , 24, 898-915	4
217	Autonomous models of self-crossing pinched hystereses for mem-elements. <i>Nonlinear Dynamics</i> , 2018 , 92, 1975-1983	5
216	Bifurcation and extinction limit of stretched premixed flames with chain-branching intermediate kinetics and radiative loss. 2018 , 22, 531-553	4
215	Model-based interpretation of undrained creep instability in loose sands. 2018 , 68, 504-517	11
214	On controlling chaos in a discrete-time Walrasian t E onnement process. 2018 , 69, 178-194	O

213	An impacting linear three body system. 2018 , 39, 015001		0
212	Stability and Hopf Bifurcation Analysis of a Simple Nutrient- Prey-Predator Model with Intratrophic Predation in Chemostat. 2018 ,		
211	Kantowski-Sachs Einstein-aether scalar field cosmological models. 2018 , 2018, 017-017		24
21 0	Global Asymptotic Stability and Naimark-Sacker Bifurcation of Certain Mix Monotone Difference Equation. <i>Discrete Dynamics in Nature and Society</i> , 2018 , 2018, 1-22	1.1	3
209	Conditions on the Energy Market Diversification from Adaptive Dynamics. 2018, 2018, 1-15		2
208	A Logistic Non-linear Difference Equation with Two Delays. 2018 , 269-293		
207	Stability analysis of a simple nutrient-prey-predator model with intratrophic predation in chemostat. 2018 ,		
206	Control of periodic dynamics of nonlinear and chaotic discrete dynamical systems. 2019 , 38, 1		1
205	Stability analysis of a certain class of difference equations by using KAM theory. 2019, 2019,		2
204	New sinusoidal basis functions and a neural network approach to solve nonlinear Volterraâ Eredholm integral equations. 2019 , 31, 4865-4878		11
203	RETRACTED ARTICLE: Fractional order LengyelâEpstein chemical reaction model. 2019 , 38, 1		5
202	Asset price dynamics for a two-asset market system. 2019 , 29, 023114		
201	Analysis of a memristive diode bridge rectifier. 2019 , 55, 120-122		2
200	Self-Crossing Memristive Pinched Hystereses in Autonomous Implicit Models. 2019 , 28, 1950139		
199	Homoclinical Structure of Retarded SICNNs with Rectangular Input Currents. 2019 , 49, 521-538		3
198	Study of Public Health Education Effect on Spread of HIV Infection in a Density-Dependent Transmission Model. 2020 , 28, 201-215		2
197	Double Hopf Bifurcation in Delayed reactionâdiffusion Systems. 2020 , 32, 313-358		14
196	SICNN with Chaotic/Almost Periodic Postsynaptic Currents. <i>Advances in Dynamics, Patterns, Cognition</i> , 2020 , 265-307	0.7	

195	Homoclinic Chaos and Almost Periodicity. Advances in Dynamics, Patterns, Cognition, 2020, 243-263	0.7	
194	Solitary and periodic waves in collisionless plasmas: The Adlam-Allen model revisited. 2020 , 102, 01320	9	4
193	The gravitational effect in the linear and non-linear dynamics of boiling channels. 2020 , 56, 2953-2973		2
192	A Window into the World of KAM Theory. 2020 , 93, 244-260		
191	Cooperative hunting in a discrete predatorâprey system. 2020 , 13, 2050063		2
190	Near rectilinear halo orbits and nearby higher-period dynamical structures: orbital stability and resonance properties. 2020 , 132, 1		7
189	Resonant Chaotic Dynamics of a Symmetric Cross-Ply Composite Laminated Plate Under Transverse and In-Plane Excitations. 2020 , 30, 2050106		
188	On the Invariant Manifolds of the Fixed Point of a Second-Order Nonlinear Difference Equation. 2020 , 26, 673-684		1
187	A non-linear mathematical model for the X-ray variability classes of the microquasar GRS 1915+105 âll. Quiescent, spiking states, and quasi-periodic oscillations. 2020 , 495, 1110-1121		4
186	Parametric continuation algorithm for time-delay systems and bifurcation caused by multiple characteristic roots. <i>Nonlinear Dynamics</i> , 2021 , 103, 3241-3253	5	6
185	A dynamical system approach to a class of radial weighted fully nonlinear equations. 2021 , 46, 573-610		2
185 184	A dynamical system approach to a class of radial weighted fully nonlinear equations. 2021 , 46, 573-610 Hopf Bifurcation of the Square Root Functional Response Predator-Prey Model. <i>Pure Mathematics</i> , 2021 , 11, 1250-1256	0.1	2
	Hopf Bifurcation of the Square Root Functional Response Predator-Prey Model. <i>Pure Mathematics</i> ,	0.1	2
184	Hopf Bifurcation of the Square Root Functional Response Predator-Prey Model. <i>Pure Mathematics</i> , 2021 , 11, 1250-1256	0.1	2
184	Hopf Bifurcation of the Square Root Functional Response Predator-Prey Model. <i>Pure Mathematics</i> , 2021 , 11, 1250-1256 Computational Study of the Dynamics of an Asymmetric Wedge Billiard. 2021 , 31, 2130006 Existence and spectral instability of bounded spatially periodic traveling waves for scalar viscous	0.1	
184 183	Hopf Bifurcation of the Square Root Functional Response Predator-Prey Model. <i>Pure Mathematics</i> , 2021 , 11, 1250-1256 Computational Study of the Dynamics of an Asymmetric Wedge Billiard. 2021 , 31, 2130006 Existence and spectral instability of bounded spatially periodic traveling waves for scalar viscous balance laws. 2021 , 79, 493-544 A method to find approximate solutions of first-order systems of nonlinear ordinary equations.	0.1	1
184 183 182	Hopf Bifurcation of the Square Root Functional Response Predator-Prey Model. <i>Pure Mathematics</i> , 2021 , 11, 1250-1256 Computational Study of the Dynamics of an Asymmetric Wedge Billiard. 2021 , 31, 2130006 Existence and spectral instability of bounded spatially periodic traveling waves for scalar viscous balance laws. 2021 , 79, 493-544 A method to find approximate solutions of first-order systems of nonlinear ordinary equations. 2021 , 44, 10014-10031 Bifurcation set for a disregarded Bogdanov-Takens unfolding: Application to 3D cubic memristor		1

177	Chaotic Dynamics and Chaos Control in a Fractional-Order Satellite Model and Its Time-Delay Counterpart. <i>Discrete Dynamics in Nature and Society</i> , 2021 , 2021, 1-11		2
176	Persistence and time periodic positive solutions of doubly nonlocal Fisher-KPP equations in time periodic and space heterogeneous media. 2021 , 26, 2645		1
175	Neural Oscillators: Weak Coupling. 2010 , 171-240		1
174	Matrix Methods for Population Analysis. 1997 , 19-58		21
173	Geometric Singular Perturbation Theory. 2015 , 53-70		1
172	Singularities and Canards. 2015 , 197-237		1
171	Input-Output Mechanism of the Discrete Chaos Extension. <i>Advances in Dynamics, Patterns,</i> Cognition, 2016 , 203-233	,	2
170	Introduction. 2016 , 1-2		5
169	On Proving the Absence of Oscillations in Models of Genetic Circuits. 2007 , 66-80		14
168	Stochastic Differential Equations Involving Fractional Brownian Motion. 2008, 197-290		6
167	Simple Models for the Transmission of Microparasites Between Host Populations Living on Noncoincident Spatial Domains. 2008 , 115-164		11
166	Applying a Rigorous Quasi-Steady State Approximation Method for Proving the Absence of Oscillations in Models of Genetic Circuits. 2008 , 56-64		12
165	Control of a Non-isothermal CSTR by Type-2 Fuzzy Logic Controllers. 2009 , 295-302		3
164	Introduction. 2011 , 1-7		1
163	Understanding Quasi-Periodic Fieldlines and Their Topology in Toroidal Magnetic Fields. 2012 , 125-140		3
162	Semi-algebraic Description of the Equilibria of Dynamical Systems. 2011 , 101-125		9
161	MABSys: Modeling and Analysis of Biological Systems. 2012 , 57-75		2
160	The Dynamics of the Cobweb When Producers are Risk Averse Learners. 2000 , 86-100		2

159	Some examples of friction-induced vibrations and instabilities. 2002 , 137-178		1
158	Analysis of Time-Periodic Nonlinear Dynamical Systems Undergoing Bifurcations. 1995 , 21-43		4
157	Towards an optimal control of the wrapping effect. 1999 , 43-51		3
156	Temporary Satellite Capture of Short-Period Jupiter Family Comets from the Perspective of Dynamical Systems. 2001 , 49, 539-557		29
155	Quantitative analysis of the angular dynamics of a single spheroid in simple shear flow at moderate Reynolds numbers. 2016 , 1,		6
154	The stability and invariants of control systems with pitchfork or cusp bifurcations.		1
153	On robustness of complete stability for a class of cellular neural networks.		1
152	Period-Doubling and Neimarkâßacker Bifurcations of a Beddington Host-Parasitoid Model with a Host Refuge Effect. 2020 , 30, 2050254		3
151	Boundedness of solutions and stability of certain second-order difference equation with quadratic term. 2020 , 2020,		4
150	Impact of reduction in contact time activity of infected individuals on the dynamics and control of directly transmitted respiratory infections in SIR models. 2020 , 2020, 248		1
149	Persistence of Liâlforke chaos in systems with relay. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2017 , 1-18	0.5	3
148	Perturbed LiâNorke homoclinic chaos. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2018 , 1-18	0.5	2
147	On the non-autonomous Hopf bifurcation problem: systems with rapidly varying coefficients <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2019 , 1-24	0.5	1
146	Homoclinic and Heteroclinic Motions in Economic Models with Exogenous Shocks. 2016 , 1, 1-10		23
145	Self-similar solutions of the p-Laplace heat equation: the fast diffusion case. 2006 , 227, 201-269		3
144	On the equivalent classification of three-dimensional competitive Atkinson/Allen models relative to the boundary fixed points. <i>Discrete and Continuous Dynamical Systems</i> , 2015 , 36, 217-244	2	4
143	Impulsive SICNNs with chaotic postsynaptic currents. 2016 , 21, 1119-1148		6
142	A model of infectious salmon anemia virus with viral diffusion between wild and farmed patches. 2016 , 21, 1869-1893		4

141	On the nonautonomous Hopf bifurcation problem. <i>Discrete and Continuous Dynamical Systems</i> - Series S, 2016 , 9, 1119-1148	2
140	Harmonic Analysis in Discrete Dynamical Systems. 2012 , 01, 14-31	1
139	Pursuer Navigation Based on Proportional Navigation and Optimal Information Fusion. 2021 , 2021, 1-11	O
138	Bifurcations in the Mechanics of Hypoelastic Granular Materials. 2000 , 357-384	
137	Suggested Readings and Resource Guide. 2000 ,	
136	Geometry of First Integrals for 2nd Order Difference Equations. 2000 , 35-43	
135	Some Convergence Properties of the Steepest Descent Algorithm Revealed by Renormalisation. 2001 , 459-471	
134	Integrated Symbolic-Graphic-Numeric Analysis and Design in Nonlinear Control through Notebooks in Mathematica. 2001 , 405-420	
133	Transformation and Equivalence. 2001 ,	
132	Bibliography. 2001 , 211-216	
131	Current Trends in Mathematical Cosmology. 2002 , 5-17	1
130	Amplitude Equation Models for the Interaction of Shocks with Nonlinear Dispersive Wave Envelopes. 2002 , 35-74	
129	Bibliography. 2002 , 327-340	
128	Analysis. 2003 , 219-626	
127	Qualitative Features. 2003, 31-74	
126	Foundations of Nonlinear Physics. 2003 , 481-515	
125	Bibliography. 2003 ,	
124	Bibliography. 2004 , 1092-1102	

(2012-2004)

Dynamical Systems and Chaos. 2004, 795-843 123 Uma bifurca® sela-centro em campos Hamiltonianos planares. 2004, 26, 371-377 122 Transformation and Equivalence. 2005, 4-1-4-21 121 New Approach of Recurrent Neural Network Weight Initialization. 2009, 537-548 120 Geometric Integration Part IIâHamiltonian Dynamics. 2010, 207-223 119 Aircraft Wing Rock in High-Angle-of-Attack Flight. 2010, 329-351 118 A General Theory of Aircraft Wing Rock. 2010, 353-377 117 Viscoelasticity. 2011, 61-108 116 Evolution Construction for Homogeneous Thermodynamic Systems. 2011, 31-59 115 Bifurcations in the Generalized Energy Function. 2011, 189-237 114 Stability Analysis. 2011, 293-328 113 Global Convergence in Difference Equations. 2011, 193-219 112 Bibliography. 334-336 111 Kinematics of Rigid Bodies. 2012, 177-196 110 An Overview of Dynamical Systems. 2012, 135-158 109 108 Hamiltonian Dynamics. 2012, 337-360 Lagrangian Dynamics. 2012, 287-335 107 General Principles of Rigid Body Dynamics. 2012, 247-260 106

105	Duality and Euclidean Tensors. 2012 , 61-65
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(1999-2012)

87	Absolute Differential Calculus. 2012 , 117-133	
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83	BIFURCATIONS OF PERIODIC SOLUTIONS AND CHAOS IN DUFFING-VAN DER POL EQUATION WITH ONE EXTERNAL FORCING. 2013 , 3, 405-431	4
82	Encyclopedia of Systems Biology. 2013 , 903-903	
81	Introduction to Dynamic Bifurcation Theory. 2013 , 1-40	
80	Coherence and Large-Scale Pattern Formation in Coupled Logistic-Map Lattices via Computer Algebra Systems. 2014 , 230-241	1
79	Introduction to Bifurcation Theory. 2014 , 167-201	
78	Stability. 2014 , 57-90	
77	Bifurcation Theory. 2014 , 61-71	
76	References. 1994 , 459-466	
75	Structural Stability in Power Systems. 1995 , 259-281	3
74	Dynamische Systeme âlMathematik der Zeit. 1995 , 481-529	
73	Modeling Polymer Flow Instabilities. 1996 , 224-232	
72	Was ist Chaos?. 1997 , 555-568	
71	Global Stability Analysis of Second-Order Fuzzy Systems. 1998 , 11-31	3
70	Bifurcation analysis of a power factor precompensator. 1999 , 151-164	3

69	Basic Concepts. 2015 , 1-45	
68	Delay Equations in Infinite-Dimensional Spaces. 2015 , 285-348	
67	Second Order Evolution Equations. 2015 , 219-283	
66	SYNCHRONIZATION OF COUPLED SYSTEMS TO PERIODIC DIAGONAL SOLUTIONS WITH SYNCHRONIZED ASYMPTOTIC PHASES. 2015 , 5, 721-730	
65	Replication of Continuous Chaos About Equilibria. 2016 , 33-100	
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63	Introduction. 2016, 1-32	
62	Entrainment by Chaos. 2016 , 127-156	O
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56	Predatorâ B rey Models. 2016 , 51-63	О
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53	Spread of Disease. 2016 , 97-104	O
52	Tuberculosis. 2016 , 157-164	

51 Bifurcation Theory. **2016**, 117-128

	Birdreddon Friedry, 2010, 117-120		
50	Enzyme Dynamics. 2016, 105-115		1
49	Modeling in Biomathematics: Demographic Fuzziness. 2017 , 205-235		
48	Global Lipschitz invariant center manifolds for ODEs with generalized trichotomies. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2017 , 1-26	0.5	
47	Numerical Center Manifold Methods. 2017 , 242-268		
46	A MODEL OF WORK START TIME AND RESIDENTIAL LOCATION CHOICES WITH TEMPORAL AGGLOMERATION ECONOMIES. Journal of Japan Society of Civil Engineers Ser D3 (Infrastructure Planning and Management), 2018, 74, 140-151	0.1	
45	Overview of Book. 2019 , 1-32		
44	A RESIDENTIAL LOCATION MODEL CONSIDERING FIRMSâ WORK START TIME CHOICES. <i>Journal of Japan Society of Civil Engineers Ser D3 (Infrastructure Planning and Management)</i> , 2019 , 75, 59-69	0.1	1
43	Temporal and spatial patterns in a diffusive ratio-dependent predatoraprey system with linear stocking rate of prey species. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2019 , 1-2	26 ^{0.5}	1
42	A mathematical model of Hepatitis B transmission in Turkey. <i>Communications Faculty of Science</i> University of Ankara Series A1Mathematics and Statistics, 1586-1595	0.2	O
41	Introduction. Advances in Dynamics, Patterns, Cognition, 2020, 1-41	0.7	
40	Unpredictability in Topological Dynamics. Advances in Dynamics, Patterns, Cognition, 2020, 57-79	0.7	
39	LiâMorke Chaos in Hybrid Systems on a Time Scale. <i>Advances in Dynamics, Patterns, Cognition</i> , 2020 , 109	-12 / 4	
38	Homoclinic and Heteroclinic Motions in Economic Models. <i>Advances in Dynamics, Patterns, Cognition</i> , 2020 , 125-137	0.7	
37	Unpredictable Solutions of Hyperbolic Linear Equations. <i>Advances in Dynamics, Patterns, Cognition</i> , 2020 , 81-95	0.7	
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35	Benchmark Models. Communications and Control Engineering, 2020, 3-15	0.6	
34	CAR T cell therapy in B-cell acute lymphoblastic leukaemia: Insights from mathematical models.		

33 Bifurcation Phenomena in Elementary Takagi-Sugeno Fuzzy Systems. **2006**, 285-315

	D'S		
32	Bifurcations in Systems with a Rate Limiter. 2002 , 37-50		1
31	Normal Form, Invariants, and Bifurcations of Nonlinear Control Systems in the Particle Deflection Plane. 2002 , 67-87		
30	Stochastic Modeling and Deterministic Limit of Catalytic Surface Processes. 2007 , 341-370		
29	Dynamical Systems and Chaos. 2007 , 797-845		
28	Bibliography. 2007 , 1098-1108		
27	Compartment Graphs and Linear Systems. 2007 , 317-337		
26	Nonlinear Systems. 2007 , 339-355		
25	Hopf bifurcations of a Lengyel-Epstein model involving two discrete time delays. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021 ,	2.8	
24	The NeimarkâBacker Bifurcation and Global Stability of Perturbation of Sigmoid Bevertonâ⊞olt Difference Equation. <i>Discrete Dynamics in Nature and Society</i> , 2021 , 2021, 1-14	1.1	
23	Tips of tongues in the double standard family*. <i>Nonlinearity</i> , 2021 , 34, 8174-8191	1.7	
22	Encyclopedia of Computational Neuroscience. 2022 , 1-19		
21	Nonlinear state-dependent pulse control for an SIRS epidemic model with varying size and its application to the transmission of brucellosis. <i>Mathematical Modelling of Natural Phenomena</i> , 2021 , 16, 58	3	
20	Random attractors for dissipative systems with rough noises. <i>Discrete and Continuous Dynamical Systems</i> , 2021 ,	2	O
19	Radial solutions for Hħon type fully nonlinear equations in annuli and exterior domains. <i>Mathematics in Engineering</i> , 2021 , 4, 1-18	1.2	1
18	Complex Methods for Bounds on the Number of Periodic Solutions with an Application to a Neural Model. <i>American Mathematical Monthly</i> , 1-18	0.3	
17	Hopf Bifurcation of a Predator-Prey Model with Degenerate Carrying Capacity. <i>Pure Mathematics</i> , 2022 , 12, 62-70	0.1	
16	Bifurcations, Permanence and Local Behavior of the Plant-Herbivore Model with Logistic Growth of Plant Biomass. <i>Qualitative Theory of Dynamical Systems</i> , 2022 , 21, 1	0.8	

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15	Stable Numerical Implementation of a Turbulence Scheme with Two Prognostic Turbulence Energies. <i>Monthly Weather Review</i> , 2022 ,	2.4	
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1	Bifurcation and Stability of a Ricker Host-Parasitoid Model with a Host Constant Refuge and General Escape Function. 2023 , 233-281		0