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The general problem of the stability of motion

DOI: 10.1080/00207179208934253

International Journal of Control, 1992, 55, 531-534.

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Version: 2024-04-28

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931	Russian and Soviet contributions to the development of control engineering: a celebration of the Lyapunov centenary. 1992 , 14, 170-178		6
930	A. M. Lyapunov's stability theory 100 years on. 1992 , 9, 275-303		54
929	.		
928	Equivalence of stability concepts for discrete time-varying systems. 1994 , 4, 725-740		40
927	A nonlinear Luenberger-type observer with application to catalyst activity estimation.		3
926	Remembering Four Stability Theory Pioneers of the Nineteenth Century. 1996 , 41, 1242		3
925	Remembering Four Stability Theory Pioneers of the Nineteenth Century. 1996 , 43, 821		1
924	New Lyapunov methodology: asymptotic stability of Hopfield neural networks.		
923	Nonlinear observer design using Lyapunov's auxiliary theorem.		8
922	Singular PDE's and the single-step formulation of feedback linearization with pole-placement.		0
921	New Lyapunov Methodology: Absolute Stability of Lurie-Postnykov Systems. 1997 , 30, 409-414		1
920	Novel lyapunov stability methodology for nonlinear systems: Complete solutions. 1997 , 30, 5315-5325		0
919	Control of a base-excited inverted pendulum with two degrees of rotational freedom. 1997 , 334, 63-92		4
918	On behavior of perfect elastoplasticity under rectilinear paths. 1998 , 35, 3539-3571		11
917	Book review. 1998 , 29, 575-588		5
916	The energy-momentum method for the stability of non-holonomic systems. 1998 , 13, 123-165		47
915	Stability and Control of Human Trunk Movement During Walking. 1998 , 1, 247-259		16

914	Unified Approach to Hamiltonian Systems, Poisson Systems, Gradient Systems, and Systems with Lyapunov Functions or First Integrals. 1998 , 81, 2399-2403	66
913	Aggregation of a class of linear, interconnected dynamical systems. 1999 ,	
912	Persistence of overflowing manifolds for semiflow. 1999 , 52, 983-1046	31
911	A new invariance property of Lyapunov characteristic directions. 1999 ,	1
910	Geometric structure of multiple time-scale nonlinear systems. 1999 , 32, 2095-2100	1
909	Time scale analysis for nonlinear systems. 2000 ,	1
908	Singular PDEs and the single-step formulation of feedback linearization with pole placement. 2000 , 39, 115-122	18
907	Singular PDEs and the problem of finding invariant manifolds for nonlinear dynamical systems. 2000 , 272, 257-263	16
906	Stability of RYNSORD, a decentralized algorithm for railway networks, under perturbations. 2000 , 214, 201-222	
905	Nonlinear Observer Design for Process Monitoring. 2000 , 39, 408-419	42
904	A smooth Lyapunov function from a class- \mathcal{KL} estimate involving two positive semidefinite functions. 2000 , 5, 313-367	178
903	Obituary: Tom Fuller: A memoir. <i>International Journal of Control</i> , 2000 , 73, 457-463	1.5 1
902	On Lyapunov's stability control of two-link base-excited inverted pendulums with applications to human locomotion.	1
901	Control and stability in the kinematic model of an automobile with n trailers. 2000 , 45, 147-154	1
900	Adaptive structures with algebraic loops. 2001 , 12, 33-42	3
899	Fisher information and nonlinear dynamics. 2001 , 291, 523-532	53
898	Stabilization of invariant sets for nonlinear systems with applications to control of oscillations. 2001 , 11, 215-240	28
897	On some methods for investigating stability. 2001 , 192, 385-402	4

896	A mathematical model of the stability control of human thorax and pelvis movements during walking. 2002 , 5, 67-74	6
895	Derivatives and constraints in chaotic flows: asymptotic behaviour and a numerical method. 2002 , 172, 139-161	14
894	A new Lyapunov design approach for nonlinear systems based on Zubov's method. 2002 , 38, 1999-2007	37
893	An analytic approximate technique for free oscillations of positively damped systems with algebraically decaying amplitude. 2003 , 38, 1173-1183	70
892	An explicit analytic solution to the Thomas-Bermi equation. 2003 , 144, 495-506	75
891	Finite time stability of nonlinear systems.	25
890	.	1
889	Instability Detection for Nonlinear Time-Varying Systems Using Lyapunov Exponent. 2003 ,	2
888	Sliding-mode control design for a complex valued sliding manifold. 2003 , 48, 122-127	5
887	Nonholonomic Mechanics and Control. 2003 ,	601
886	Timescale Analysis for Nonlinear Dynamical Systems. 2003 , 26, 318-330	31
885	Results on converse Lyapunov theorems for difference inclusions.	7
884	Invariant Grids: Method of Complexity Reduction in Reaction Networks. 2004 , 2, 110-127	7
883	Asymptotic Behaviour of Nonlinear Systems. 2004 , 111, 864-889	17
882	Regelungstechnik 1. 2004 ,	4
881	Asymptotic Behaviour of Nonlinear Systems. 2004 , 111, 864	30
880	A consistent numerical scheme for the von Mises mixed-hardening constitutive equations. 2004 , 20, 663-704	24
879	An analytic approximate approach for free oscillations of self-excited systems. 2004 , 39, 271-280	72

878	An explicit expression for the first return map in the center problem. 2004 , 206, 306-314	18
877	An algebraic model for the center problem. 2004 , 128, 839-857	12
876	An almost global notion of input-to-State stability. 2004 , 49, 866-874	92
875	Robust Root-Clustering of a Matrix in Intersections or Unions of Regions. 2004 , 43, 1078-1093	21
874	Qualitative Scientific Modeling and Loop Analysis. 2005 , 72, 1272-1286	18
873	Stability for time varying linear dynamic systems on time scales. 2005 , 176, 381-410	117
872	Multiple time-scales in nonlinear flight mechanics: diagnosis and modeling. 2005 , 164, 627-648	16
871	REMARKS ON SKEW PRODUCTS OVER IRRATIONAL ROTATIONS. 2005 , 15, 3675-3689	4
870	Singular Control-Invariance PDEs for Nonlinear Systems. 2005 , 3, 731-748	2
869	Nonlinear Stabilization via System Immersion and Manifold Invariance: Survey and New Results. 2005 , 3, 801-817	9
868	Generalized Lyapunov Equations and Positive Definite Functions. 2005 , 27, 103-114	10
867	On the interpretation of the time-varying eigenvalues.	1
866	Robust sliding mode controllers design techniques for stabilization of multivariable time-delay systems with parameter perturbations and external disturbances. 2005 , 36, 433-444	30
865	Two Timescale Nonlinear Dynamics and Slow Manifold Determination. 2005 ,	3
864	A constructive converse Lyapunov theorem on asymptotic stability for nonlinear autonomous ordinary differential equations. 2005 , 20, 281-299	18
863	Design of nonlinear observers with approximately linear error dynamics using multivariable Legendre polynomials. 2006 , 16, 709-727	6
862	Series Solutions of Unsteady Boundary-Layer Flows over a Stretching Flat Plate. 2006 , 117, 239-263	97
861	Series solution of unsteady boundary layer flows of non-Newtonian fluids near a forward stagnation point. 2006 , 139, 31-43	60

860	The singular value decomposition to approximate spectra of dynamical systems. Theoretical aspects. 2006 , 230, 502-531	19
859	Finite time stability and stabilization of a class of continuous systems. 2006 , 323, 1430-1443	276
858	Periodic motion planning for virtually constrained Euler-Lagrange systems. 2006 , 55, 900-907	60
857	Perturbation Theory for Approximation of Lyapunov Exponents by QR Methods. 2006 , 18, 815-840	24
856	Series solutions of unsteady boundary layer flow of a micropolar fluid near the forward stagnation point of a plane surface. 2006 , 184, 87-101	29
855	Descriptor Systems: A General Mathematical Framework for Modelling, Simulation and Control (Deskriptorsysteme: Ein allgemeines mathematisches Konzept für Modellierung, Simulation und Regelung). 2006 , 54, 405-415	14
854	q-breathers in Fermi-Pasta-Ulam chains: existence, localization, and stability. 2006 , 73, 036618	64
853	Using Lyapunov Vectors and Dichotomy to Solve Hyper-Sensitive Optimal Control Problems. 2006 ,	3
852	Regelungstechnik 1. 2006 ,	
851	Stability and stabilization of the lattice Boltzmann method. 2007 , 75, 036711	52
850	Regelungstechnik 1. 2007 ,	
849	Asymptotic stability analysis in uncertain multi-delayed state neural networks via Lyapunov-Krasovskii theory. 2007 , 45, 1350-1362	22
848	Instability results for slowly time varying linear dynamic systems on time scales. 2007 , 328, 1278-1289	13
847	A General Approach to Obtain Series Solutions of Nonlinear Differential Equations. 2007 , 119, 297-354	321
846	Existence and genericity problems for dynamical systems with nonzero Lyapunov exponents. 2007 , 12, 476-489	8
845	Comparison between the HAM and HPM solutions of thin film flows of non-Newtonian fluids on a moving belt. 2007 , 50, 27-35	151
844	Lyapunov and Sacker-Bell Spectral Intervals. 2007 , 19, 265-293	45
843	Sufficient conditions for robustness of $(\mathcal{K}, \mathcal{L})$ -stability for difference inclusions. 2007 , 19, 183-205	7

842	SVD algorithms to approximate spectra of dynamical systems. 2008 , 79, 1235-1254		16
841	Can we make a robot ballerina perform a pirouette? Orbital stabilization of periodic motions of underactuated mechanical systems. 2008 , 32, 200-211		72
840	Dynamic portrait of the planetary 2/1 mean-motion resonance - II. Systems with a more massive inner planet. 2008 , 391, 215-227		43
839	LYAPUNOV FUNCTION AND GLOBAL PROPERTIES OF VIRUS DYNAMICS WITH CTL IMMUNE RESPONSE. 2008 , 01, 443-448		20
838	An Initial Examination of Using Pseudospectral Methods for Timescale and Differential Geometric Analysis of Nonlinear Optimal Control Problems. 2008 ,		0
837	Nonuniform Small-Gain Theorems for Systems with Unstable Invariant Sets. 2008 , 47, 849-882		14
836	Regelungstechnik 1. 2008 ,		
835	Finite time stability conditions for non-autonomous continuous systems. <i>International Journal of Control</i> , 2008 , 81, 797-803	1.5	174
834	Ecological and Lyapunov Stability*. 2008 , 75, 421-436		23
833	Periodic orbits, localization in normal mode space, and the Fermi-Pasta-Ulam problem. 2008 , 76, 453-459		11
832	Practical stability analysis for transient system dynamics. 2008 , 222, 2123-2135		7
831	Investigation of human-robot interaction stability using Lyapunov theory. 2008 ,		33
830	. 2009 ,		1
829	Bending Virtual Spring-Damper: A Solution to Improve Local Platoon Control. 2009 , 601-610		5
828	Network stability within visual cortex: A Lyapunov function approach. 2009 ,		
827	A SYMPLECTIC ALGORITHM FOR THE STABILITY ANALYSIS OF NONLINEAR PARAMETRIC EXCITED SYSTEMS. 2009 , 09, 561-584		6
826	Nonlinear distortion analysis via perturbation method. 2009 , 38, n/a-n/a		2
825	q Breathers in finite lattices: nonlinearity and weak disorder. 2009 , 102, 175507		11

824	. 2009 , 29, 28-93	930
823	On global Lyapunov characterization of multi-stable nonlinear systems. 2009 ,	1
822	Estabilidad de Sistemas No Lineales Basada en la Teoría de Liapunov. 2009 , 6, 5-16	7
821	Maximum Parametrization of the Set of All Solutions to Linear Periodic Systems. 2010 , 43, 7-11	2
820	Analytic approximate solutions of rotating disk boundary layer flow subject to a uniform suction or injection. 2010 , 52, 1735-1744	65
819	Exponential Dichotomy for Asymptotically Hyperbolic Two-Dimensional Linear Systems. 2010 , 22, 697-722	3
818	Computation of the real logarithm for a discrete-time nonlinear system. 2010 , 59, 33-41	18
817	Simple yet stable bearing-only navigation. 2010 , 27, 511-533	50
816	Real-Time Embedded Software. 2010 , 1	
815	Thermal Stability of Gas Oil Hydrotreating Processes: Numerical Issues of the Matrix-Eigenvalue Approach. 2010 , 65, 771-783	
814	A Converse Lyapunov Theorem and Robustness with Respect to Unbounded Perturbations for Exponential Dissipativity. 2010 , 2010, 1-16	1
813	Observers for Canonic Models of Neural Oscillators. 2010 , 5, 146-184	15
812	Regelungstechnik 1. 2010 ,	17
811	On the structure of the set of bifurcation points of periodic solutions for multiparameter Hamiltonian systems. 2010 , 23, 1771-1806	
810	Algebraic and dynamic Lyapunov equations on time scales. 2010 ,	4
809	An interval arithmetic approach for the estimation of the domain of attraction. 2010 ,	7
808	Targeting Requirements and Stability Characterization for a Class of Ballistic Transfers. 2010 , 33, 1473-1489	2
807	Dispersive dielectrics and time reversal: free energies, orthogonal spectra, and parity in dissipative media. 2010 , 82, 011115	4

806	Numerical integration of variational equations. 2010 , 82, 036704	47
805	Preasymptotic Stability and Homogeneous Approximations of Hybrid Dynamical Systems. 2010 , 52, 87-109	32
804	Performance Analysis of Guidance Laws Based on Timescale Gap. 2010 , 18, 574-590	4
803	A geometric approach of a battery mathematical model for on-line energy monitoring. 2011 ,	5
802	Parallel Computation of Domains of Attraction for Nonlinear Dynamic Systems. 2011 ,	2
801	DISCRETE SYMMETRY AND STABILITY IN HAMILTONIAN DYNAMICS. 2011 , 21, 1539-1582	18
800	Physical Unknowables. 213-252	1
799	Control and Verification of the Safety-Factor Profile in Tokamaks Using Sum-of-Squares Polynomials.. 2011 , 44, 12556-12561	1
798	Estimation of the domain of attraction for non-polynomial systems: A novel method. 2011 , 44, 10976-10981	7
797	A stabilization method of inhomogeneous ladder networks with nonlinear elements. 2011 , 21,	
796	Appendix B: Stability. 2011 , 401-408	
795	Reactive multi-agent approach to local platoon control: stability analysis and experimentations. 2011 , 10, 231	10
794	Numerical Techniques for Approximating Lyapunov Exponents and Their Implementation. 2011 , 6,	13
793	[Analysis of electrogastrography in gastrectomized subjects]. 2011 , 66, 64-70	
792	Direct drive permanent magnet generator fed ACDC active rectification and control for more-electric aircraft engines. 2011 , 5, 14	37
791	Load carrying capacity of systems within a global safety perspective. Part I. Robustness of stable equilibria under imperfections. 2011 , 46, 1232-1239	16
790	Conley index condition for asymptotic stability. 2011 , 74, 4503-4510	2
789	Steady-state process optimization with guaranteed robust stability under parametric uncertainty. 2011 , 57, 3395-3407	8

788	On the stability of spinning satellites. 2011 , 68, 778-789	9
787	Chemical and Electric Transfers to Earth-Moon Halo Orbits. 2011 ,	1
786	A geometrical point of view over a battery mathematical model. 2011 ,	1
785	Lyapunov stability study for a special actuated holonomic wheeled mobile robot. 2011 ,	2
784	Adaptive control model reveals systematic feedback and key molecules in metabolic pathway regulation. 2011 , 18, 169-82	8
783	Ensemble Dynamics and Bred Vectors. 2012 , 140, 2308-2334	10
782	Knowing when to stop: How noise frees us from determinism. 2012 ,	
781	Non-fragile finite-time control for continuous-time nonlinear systems based on T-S fuzzy model. 2012 ,	0
780	Quasi-potential landscape in complex multi-stable systems. 2012 , 9, 3539-53	147
779	Online learning of COM trajectory for humanoid robot locomotion. 2012 ,	2
778	A new method to estimate a guaranteed subset of the domain of attraction for non-polynomial systems. 2012 ,	2
777	Stability of Recommendation Algorithms. 2012 , 30, 1-31	42
776	New Results to Verify the Robust Stability Property of Interval Plants with Time-Delay1. 2012 , 45, 7-12	1
775	The electronic collection "Alexander Lyapunov's life and work" 2012 , 45, 1-6	
774	MODERN CONTROL REVIEW. 2012 , 257-368	
773	Examination of Auxiliary System Stability in Wood Drying. 2012 , 30, 1936-1941	
772	Design of robust control Lyapunov function for non-linear affine systems with uncertainty. 2012 , 6, 2248-2256	8
771	Analytical methods for ecosystem resilience: A hydrological investigation. 2012 , 48,	19

770	Dynamical and system-wide properties of linear flow-quantified food webs. 2012 , 245, 176-184	7
769	Analytic Approximations for Flow Mass Transfer of an Upper-Convected Maxwell Fluid. 2012 , 26, 673-680	1
768	A STUDY OF NON-NEWTONIAN FLOW AND HEAT TRANSFER OVER A NON-ISOTHERMAL WEDGE USING THE HOMOTOPY ANALYSIS METHOD. 2012 , 199, 231-256	76
767	Introduction. 2012 , 3-14	1
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765	Homotopy Perturbation Algorithm Using Laplace Transform for Gas Dynamics Equation. 2012 , 8, 55-61	6
764	On the time-dependent solutions of the Schrödinger's equation. II. The one-mode field perturbed harmonic oscillator. 2012 , 112, 2441-2443	3
763	Stability of nonlinear normal modes in the Fermi-Pasta-Ulam χ chain in the thermodynamic limit. 2012 , 85, 056601	7
762	Design of a robust control law for the Vega launcher ballistic phase. 2012 , 71, 92-98	
761	Qualitas and Quantitas: two ways of thinking in science. 2013 , 47, 2597-2615	4
760	Lyapunov Functions and Duality for Convex Processes. 2013 , 51, 3332-3350	3
759	Conceptual inconsistencies in finite-dimensional quantum and classical mechanics. 2013 , 88,	6
758	Lyapunov Functions for General Nonuniform Dichotomies. 2013 , 81, 153-169	12
757	Theoretical Considerations for Reprogramming Multicellular Systems. 2013 , 81-99	
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755	PID controller design for nonlinear systems represented by discrete-time local model networks. <i>International Journal of Control</i> , 2013 , 86, 1453-1466	1.5 10
754	New results on robust stability for differential-difference systems with affine linear parametric uncertainty. 2013 , 44, 14-22	3
753	Adaptive Fuzzy Integral Sliding Mode Control for Flexible Air-Breathing Hypersonic Vehicles Subject to Input Nonlinearity. 2013 , 26, 721-734	27

752	Legendre Wavelets based approximation method for solving advection problems. 2013 , 4, 925-932	5
751	A period-specific realization of linear continuous-time systems. 2013 , 62, 395-400	2
750	. 2013 , 15, 1671-1688	101
749	Self-oscillation. 2013 , 525, 167-222	172
748	Stability analysis of finite difference schemes revisited: A study of decoupled solution strategies for coupled multifield problems. 2013 , 94, 758-786	19
747	A SIRS Epidemic Model Incorporating Media Coverage with Random Perturbation. 2013 , 2013, 1-9	8
746	Regelungstechnik 1. 2013 ,	5
745	Robust finite-time control for continuous-time nonlinear systems based on T-S fuzzy model. 2013 ,	
744	Attractor solutions in scalar-field cosmology. 2013 , 88,	38
743	Chaos detection tools: application to a self-consistent triaxial model. 2013 , 429, 2700-2717	27
742	Double diffusive magnetohydrodynamic (MHD) mixed convective slip flow along a radiating moving vertical flat plate with convective boundary condition. 2014 , 9, e109404	9
741	Potential Function in a Continuous Dissipative Chaotic System: Decomposition Scheme and Role of Strange Attractor. 2014 , 24, 1450015	13
740	Chapter 8: HAM-Based Package NOPH for Periodic Oscillations of Nonlinear Dynamic Systems. 2014 , 309-359	1
739	Finite-time control for discrete-time singular systems subject to actuator saturation. 2014 ,	
738	A Note on Mapping a Matching Problem to a Majority Network as a Lyapunov Function: Problem Solving by Synchronization. 2014 , 35, 1370-1378	1
737	Non-modal stability analysis and transient growth in a magnetized Vlasov plasma. 2014 , 108, 55001	4
736	Gain scheduled luenberger observers for microalgal cultures. 2014 ,	1
735	Regelungstechnik 1. 2014 ,	5

734	Further results on Lyapunov-like conditions of forward invariance and boundedness for a class of unstable systems. 2014,	0
733	Stability analysis of data-driven local model networks. 2014, 20, 224-247	4
732	Analytical solution of variant Boussinesq equations. 2014, 37, 931-936	6
731	Numerical justification of Leonov conjecture on Lyapunov dimension of Rossler attractor. 2014, 19, 1027-1034	84
730	Stability of Thermally Induced Vibration of a Beam Subjected to Solar Heating. 2014, 52, 660-665	26
729	Finite-time uniform stability of functional differential equations with applications in network synchronization control. 2014, 62-63, 10-22	6
728	Discerning non-autonomous dynamics. 2014, 542, 297-368	68
727	Modal Analysis of Nonlinear Mechanical Systems. 2014,	7
726	Continuous and piecewise affine Lyapunov functions using the Yoshizawa construction. 2014,	14
725	Lyapunov function as potential function: A dynamical equivalence. 2014, 23, 010505	16
724	On relations among the entropic chaos degree, the Kolmogorov-Sinai entropy and the Lyapunov exponent. 2014, 55, 032702	5
723	On Practical Stability of Time Scale Perturbed Systems. 2014, 12, 51-67	0
722	Finite-time synchronization of delayed neural networks with Cohen-Grossberg type based on delayed feedback control. 2014, 143, 90-96	63
721	Identification of focus and center in a 3-dimensional system. 2014, 19, 485-522	1
720	OptiFel: A Convergent Heterogeneous Particle Swarm Optimization Algorithm for Takagi-Sugeno Fuzzy Modeling. 2014, 22, 919-933	73
719	Controlling many differential-drive robots with uniform control inputs. 2014, 33, 1626-1644	25
718	Engine control unit PID controller calibration by means of local model networks. 2014, 33, 125-135	3
717	Nonuniform Dichotomies via Lyapunov Functions. 2014, 82, 243-271	

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715	Observations on evolutionary models with (or without) time lag, and on problematical paradigms. 2014 , 96, 4-53	1
714	References. 2014 , 305-320	
713	Uniform versions of Finsler's lemma. 2015 ,	1
712	Neighborhoods of periodic orbits and the stationary distribution of a noisy chaotic system. 2015 , 92, 062922	7
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710	Global asymptotic properties of a heroin epidemic model with treat-age. 2015 , 263, 315-331	27
709	Outdoor haptic teleoperation of a hexarotor UAV. 2015 ,	0
708	Global stability of an SEIR epidemic model with age-dependent latency and relapse. 2015 , 24, 18-35	50
707	Wide localized solutions of the parity-time-symmetric nonautonomous nonlinear Schrödinger equation. 2015 , 91, 013205	7
706	Comparison of deterministic and stochastic SIRS epidemic model with saturating incidence and immigration. 2015 , 4, 101-116	9
705	Modeling nonlinear dynamic biological systems with human-readable fuzzy rules optimized by convergent heterogeneous particle swarm. 2015 , 247, 349-358	9
704	A numerical study on the dynamics of droplet formation in a microfluidic double T-junction. 2015 , 9, 024107	28
703	Stability analysis of a non-linear adaptive impedance controller for rehabilitation purposes. 2015 ,	
702	Partial Asymptotic Stability. 2015 , 13-38	
701	Zubov's method for controlled diffusions with state constraints. 2015 , 22, 1765-1799	3
700	Refining finite-time Lyapunov exponent ridges and the challenges of classifying them. 2015 , 25, 087410	19
699	On the parametrically excited pendulum equation with a step function coefficient. 2015 , 77, 172-182	2

698	Design tools for oscillator-based computing systems. 2015,	4
697	On a theory of stability for nonlinear stochastic chemical reaction networks. 2015, 142, 184101	6
696	Stability Criterion for Thermal Flutter of a Space Beam. 2015, 38, 1395-1408	
695	Finite Series Based Model Reference Adaptive Control. 2015,	0
694	A stochastic SIRS epidemic model with infectious force under intervention strategies. 2015, 259, 7463-7502	185
693	Robust Luenberger observers for microalgal cultures. 2015, 36, 55-63	6
692	A nonlinear inequality and application to global asymptotic stability of perturbed systems. 2015, 38, 2496-2505	3
691	On regular polygon solutions of Coulomb equation of motion of $n + 2$ charges n of which are planar. 2016, 57, 042904	4
690	Thermodynamics of action and organization in a system. 2016, 21, 307-317	16
689	Autonomously achieving bipedal locomotion skill via hierarchical motion modelling. 2016,	
688	A State-Feedback Approach to Inventory Control: Analytical and Empirical Studies. 2016, 25, 535-547	6
687	Exact boundaries of mobility of the Lyapunov, Perron and Bohl exponents of linear difference systems under small perturbations of the coefficient matrices. 2016,	2
686	Motion control strategy and stability analysis for high-speed cable-driven camera robots with cable inertia effects. 2016, 13, 172988141666337	5
685	Exponential dichotomies for impulsive equations via quadratic functions. 2016, 46,	
684	Integrability and strong normal forms for non-autonomous systems in a neighbourhood of an equilibrium. 2016, 57, 092703	2
683	On a new method for studying stability in the whole by a part of the variables of solutions of systems of ordinary differential equations. 2016,	1
682	Decomposition of drift vector field: An application to multi-machine transient stability enhancement. 2016,	
681	Robust Exponential Stability of Large-Scale System With Mixed Input Delays and Impulsive Effect. 2016, 11,	6

680	Global dynamics for an age-structured epidemic model with media impact and incomplete vaccination. 2016 , 32, 136-158	29
679	Application of Hopfield Neural Network to the N-Queens Problem. 2016 , 115-120	1
678	Dynamic stability of detached solidification. 2016 , 444, 1-8	2
677	Discrete homotopy analysis for optimal trading execution with nonlinear transient market impact. 2016 , 39, 332-342	9
676	Lyapunov theorems for exponential dichotomies in Hilbert spaces. 2016 , 27, 1650033	5
675	Chaotic dispersal of tidal debris. 2016 , 455, 1079-1098	40
674	An interaction model for a local approach to vehicle platoons. 2016 , 13, 91	6
673	Lyapunov Design of a Simple Step-Size Adaptation Strategy Based on Success. 2016 , 101-110	3
672	Unifying dynamical and structural stability of equilibria. 2016 , 472, 20150874	13
671	Frequency Domain Approach for Transonic Unsteady Aerodynamic Modelling applied to a 3D Wing. 2016 ,	0
670	Robustness for Stable Impulsive Equations via Quadratic Lyapunov Functions. 2016 , 84, 63-89	2
669	Determining stationary-state quantum properties directly from system-environment interactions. 2016 , 94,	13
668	Backstepping based control of heave-induced pressure deviations in managed pressure drilling. 2016 ,	
667	Nonlinear normal modes and spectral submanifolds: existence, uniqueness and use in model reduction. 2016 , 86, 1493-1534	74
666	Stability analysis of the Korean prototype Generation-IV sodium-cooled fast reactor using linear frequency domain approach. 2016 , 81, 8-16	0
665	Weighted sliding mode control. 2016 ,	
664	Not just a colourful metaphor: modelling the landscape of cellular development using Hopfield networks. 2016 , 2, 16001	18
663	Component based computational model for bipedal locomotion. 2016 , 81, 48-56	

662	Manifold-Following Approximate Solution of Completely Hypersensitive Optimal Control Problems. 2016 , 170, 220-242	2
661	Protein folds recognized by an intelligent predictor based-on evolutionary and structural information. 2016 , 37, 426-36	8
660	and control design for polytopic continuous-time Markov jump linear systems with uncertain transition rates. 2016 , 26, 599-612	22
659	Robust control in rotating machinery using linear matrix inequalities. 2016 , 22, 3767-3778	6
658	Human brain networks function in connectome-specific harmonic waves. 2016 , 7, 10340	156
657	Characterizing two-timescale nonlinear dynamics using finite-time Lyapunov exponents and subspaces. 2016 , 36, 148-174	3
656	Universal resilience patterns in complex networks. 2016 , 530, 307-12	520
655	Stochastic Optimal Control for Participatory Sensing Systems with Heterogenous Requests. 2016 , 65, 1619-1631	14
654	Global analysis of a deterministic and stochastic nonlinear SIRS epidemic model with saturated incidence rate. 2016 , 24,	1
653	Modeling a virtual robotic system for automated 3D digitization of cultural heritage artifacts. 2016 , 19, 531-537	5
652	Frequency Domain Approach for Transonic Aerodynamic Modelling. 2016 ,	1
651	Formation Tracking Control of Multiagents in Constrained Space. 2016 , 24, 992-1003	45
650	A model-based interfacing concept for accurate power hardware-in-the-loop systems. 2016 , 22, 1-20	7
649	A step-size selection strategy for explicit Runge-Kutta methods based on Lyapunov exponent theory. 2016 , 292, 703-719	4
648	Riesz-McNaughton functions and Riesz MV-algebras of nonlinear functions. 2017 , 311, 1-14	5
647	Precise pointing and stabilization performance for the balloon-borne imaging testbed: 2015 test flight. 2017 , 231, 713-727	5
646	Performance Limitations of Nonminimum Phase Affine Nonlinear Systems. 2017 , 62, 6430-6437	2
645	A HAM-based wavelet approach for nonlinear ordinary differential equations. 2017 , 48, 439-453	28

644	Fuzzy Logic Controller Stability Analysis Using a Satisfiability Modulo Theories Approach. 2017 ,	2
643	Frequency Domain Approach for Transonic Aerodynamic Modelling Applied to a Viscous Wing. 2017	
642	A stochastic SIRS epidemic model with nonlinear incidence rate. 2017 , 305, 221-240	136
641	Phase-amplitude reduction of transient dynamics far from attractors for limit-cycling systems. 2017 , 27, 023119	43
640	A HAM-based wavelet approach for nonlinear partial differential equations: Two dimensional Bratu problem as an application. 2017 , 53, 249-262	29
639	Asymptotic Investment Behaviors under a Jump-Diffusion Risk Process. 2017 , 21, 36-62	2
638	Topology optimization for linear stationary stochastic dynamics: Applications to frame structures. 2017 , 67, 116-131	23
637	Incentive-compatible payments for watershed services along the Eastern Route of China's South-North Water Transfer Project. 2017 , 25, 213-226	44
636	A New Stability Criterion for the Hot Deformation Behavior of Materials: Application to the AZ31 Magnesium Alloy. 2017 , 48, 3445-3460	10
635	Constructive analysis of control system stability. 2017 , 50, 7467-7474	2
634	Bibliography. 2017 , 191-199	
633	Attractors in complex networks. 2017 , 27, 103105	1
632	Cycle-expansion method for the Lyapunov exponent, susceptibility, and higher moments. 2017 , 96, 032129	2
631	Modeling individual fear factor with optimal control in a disease-dynamic system. 2017 , 104, 531-545	11
630	Classification and asymptotic structure of black holes in bimetric theory. 2017 , 96,	11
629	Synchronisation of chaos and its applications. 2017 , 58, 207-243	29
628	Online Pricing for Efficient Renewable Energy Sharing in a Sustainable Microgrid. 2017 ,	2
627	The influence of a transversal crack on rotor nonlinear transient response. 2017 , 90, 671-682	3

626	Global stability for an influenza transmission model incorporating human mobility behavior. 2017 , 10, 1750100	3
625	Global stability and H theorem in lattice models with nonconservative interactions. 2017 , 95, 052121	6
624	Design of modified model-based adaptive control system for FOPDT processes. 2017 ,	1
623	The size of the sync basin revisited. 2017 , 27, 103109	19
622	Disorder induced lifetime effects in binary disordered systems: A first principles formalism and an application to disordered graphene. 2017 , 31, 1750218	3
621	Characterizing time series via complexity-entropy curves. 2017 , 95, 062106	42
620	Collapse of resilience patterns in generalized Lotka-Volterra dynamics and beyond. 2017 , 95, 062307	18
619	On maximal learning rate value calculation for neural network of PI-controller neural tuner solving heating plants control problem. 2017 ,	
618	A review of source term estimation methods for atmospheric dispersion events using static or mobile sensors. 2017 , 36, 130-148	139
617	Relations between regularity coefficients. 2017 , 290, 672-686	4
616	Long-Term Stability Analysis for High Arch Dam Based on Time-Dependent Deformation Reinforcement Theory. 2017 , 17, 04016092	7
615	Formation Potential Field for Trajectory Tracking Control of Multi-Agents in Constrained Space. <i>International Journal of Control</i> , 2017 , 90, 2137-2151	1.5 16
614	Beyond Navier-Stokes equations: capillarity of ideal gas. 2017 , 58, 70-90	10
613	Lyapunov Functions: An Optimization Theory Perspective * *This work was supported by the Russian Scientific Foundation, project no. 16-11-10015. 2017 , 50, 7456-7461	12
612	Aleksandr Lyapunov: remembered by his contemporaries. 2017 , 50, 5208-5218	1
611	Al-Li Alloys □The Analysis of Material Behaviour during Industrial Hot Forging. 2017 , 207, 7-12	3
610	A controller design framework for a NextGen circulation control based UAV. 2017 ,	3
609	Novel current control technique for synchronous current converter in weak grids/micro grids using Lyapunov stability. 2017 ,	

608	Non-dominated sorting genetic algorithm for the high gain observer optimization. Application to chaos synchronization. 2017,	0
607	On global asymptotic stability of solutions of a system of ordinary differential equations. 2017,	
606	Robust nonlinear control of the longitudinal flight dynamics of a circulation control fixed wing UAV. 2017,	4
605	Fractional Stability of Trunk Acceleration Dynamics of Daily-Life Walking: Toward a Unified Concept of Gait Stability. 2017, 8, 516	10
604	Analysis of a New Delayed HBV Model with Exposed State and Immune Response to Infected Cells and Viruses. 2017, 2017, 7805675	0
603	Quasi-Exact Coulomb Dynamics of n Charges n-1 of Which Are Equal. 2017, 2017, 1-5	0
602	Construction of Lyapunov functions by the localization method. 2017,	
601	Deterministic stability and random behavior of a Hepatitis C model. 2017, 12, e0181571	3
600	Some results on the fractional order Sturm-Liouville problems. 2017, 2017,	2
599	A Lagrangian UAV swarm formation suitable for monitoring exclusive economic zone and for search and rescue. 2017,	4
598	Analysis of a Heroin Epidemic Model with Saturated Treatment Function. 2017, 2017, 1-21	33
597	Stability analysis methods and their applicability to car-following models in conventional and connected environments. 2018, 109, 212-237	73
596	Do planetary seasons play a role in attaining stable climates?. 2018, 476, 3540-3543	
595	The Global Food-Energy-Water Nexus. 2018, 56, 456-531	265
594	Revealing compactness of basins of attraction of multi-DoF dynamical systems. 2018, 111, 348-361	11
593	Finite Element Method-Based Kinematics and Closed-Loop Control of Soft, Continuum Manipulators. 2018, 5, 348-364	45
592	Lyapunov exponent for Lipschitz maps. 2018, 92, 1217-1224	4
591	Optimum hot forming temperature of AZ61 magnesium alloy. 2018, 34, 1425-1432	1

590	A Lyapunov and SackerBell spectral stability theory for one-step methods. 2018 , 58, 749-781	2
589	State feedback control for stochastic Markovian jump delay systems based on LaSalle-type theorem. 2018 , 355, 2179-2196	13
588	Projection-Based Clustering through Self-Organization and Swarm Intelligence. 2018 ,	26
587	Variable structure fuzzy wavelet neural network controller for complex nonlinear systems. 2018 , 64, 674-685	25
586	Stochastic persistence and stationary distribution in an SIS epidemic model with media coverage. 2018 , 492, 2220-2236	54
585	Lyapunov-type inequalities for a relativistic second-order differential equation. 2018 , 84, 124-129	0
584	Stability aspects of the Hayes delay differential equation with scalable hysteresis. 2018 , 93, 1377-1393	1
583	The importance of Thermo-Hydro-Mechanical couplings and microstructure to strain localization in 3D continua with application to seismic faults. Part II: Numerical implementation and post-bifurcation analysis. 2018 , 115, 1-29	23
582	Automated computation of autonomous spectral submanifolds for nonlinear modal analysis. 2018 , 420, 269-295	30
581	Open quantum generalisation of Hopfield neural networks. 2018 , 51, 115301	23
580	Asymptotical stability of the motion of mechanical systems with partial energy dissipation. 2018 , 91, 329-341	3
579	Fast Control Systems: Nonlinear Approach. 2018 , 287-316	2
578	Ductility and Stability in Metallic Materials. 2018 , 941, 2319-2324	
577	Application of admissible functions in studying partial stability of solutions of a nonlinear system of differential equations. 2018 ,	
576	Locating the Sets of Exceptional Points in Dissipative Systems and the Self-Stability of Bicycles. 2018 , 20,	1
575	Estimating Relevant Portion of Stability Region using Lyapunov Approach and Sum of Squares. 2018 ,	4
574	Complete Instability of Differential Inclusions using Lyapunov Methods. 2018 ,	3
573	Unsafe Point Avoidance in Linear State Feedback. 2018 ,	6

- 572 Knowledge Transfer Between Embedded Controllers. **2018,**
- 571 Tracking Control with Robotic Systems for a Moving Target: A Vector Lyapunov Function Approach. **2018, 51, 471-478**
- 570 Linear Functional Observers for Unforced Multi-Output Nonlinear Systems. **2018, 51, 708-712** 2
- 569 Analysis of A Virus Dynamics Model. **2018, 128, 012121**
- 568 Stability of glassy hierarchical networks. **2018, 20, 023025** 7
- 567 Influence of parametric perturbations on Lyapunov exponents of discrete linear time-varying systems. **2018, 122, 54-59**
- 566 Emergence of Chaotic Time Series by Adversarial Imitation Learning. **2018,** 1
- 565 On instability of steady-state three-dimensional flows of an ideal compressible fluid. **2018,**
- 564 Fast Ion Heating in Transient Collisionless Magnetic Reconnection via an Intrinsic Stochastic Mechanism. **2018, 868, L31** 4
- 563 Stability and predictability in human control of complex objects. **2018, 28, 103103** 17
- 562 The Maximum Lyapunov Exponent During Walking and Running: Reliability Assessment of Different Marker-Sets. **2018, 9, 1101** 19
- 561 New robust LMI synthesis conditions for mixed γ -gain-scheduled reduced-order DOF control of discrete-time LPV systems. **2018, 28, 6122-6145** 15
- 560 An evolutionary game theoretic model of rhino horn devaluation. **2018, 389, 33-40** 23
- 559 Dynamical Systems in Theoretical Perspective. **2018,**
- 558 Local and Global Stability Analysis of an Academic Rotor/Stator Cavity. **2018,**
- 557 Qualitative Theory of Volterra Difference Equations. **2018,** 7
- 556 A hybrid control scheme for attitude and vibration suppression of a flexible spacecraft using energy-based actuators switching mechanism. **2018, 82-83, 140-148** 18
- 555 Lyapunov inequalities of nested fractional boundary value problems and applications. **2018, 172, 189-204** 1

554	Analysis of compressible free shear layers with finite-time Lyapunov exponents. 2018 , 174, 46-65	1
553	A thermal-flutter criterion for an open thin-walled circular cantilever beam subject to solar heating. 2018 , 31, 1902-1909	6
552	Lyapunov Exponents, Sensitivity, and Stability for Non-Autonomous Discrete Systems. 2018 , 28, 1850088	4
551	Phase walk analysis of leptokurtic time series. 2018 , 28, 063120	0
550	Vector Barrier Certificates and Comparison Systems. 2018 , 418-437	10
549	Effect of Stellar Wind and Poynting-Robertson Drag on Photogravitational Elliptic Restricted Three Body Problem. 2018 , 52, 168-179	5
548	Application of HAM to the von Kármán Swirling Flow with Heat Transfer Over a Rough Rotating Disk. 2018 , 4, 1	1
547	On the bivariate spectral quasi-linearization method for solving the two-dimensional Bratu problem. 2018 , 16, 554-562	1
546	The Initialization Of Basal Sliding Coefficients For Antarctica A Lyapunov Based Approach. 2018 ,	
545	Design of a High Gain Observer Optimization Method for the State Synchronization of Nonlinear Perturbed Chaotic Systems. 2018 , 13,	0
544	Surrogate data for hypothesis testing of physical systems. 2018 , 748, 1-60	156
543	Short- and long-term effects of altered point of ground reaction force application on human running energetics. 2018 , 221,	14
542	Multiswitching Synchronization of Commensurate Fractional Order Hyperchaotic Systems Via Active Control. 2018 , 319-345	11
541	Numerical investigation of MHD stagnation-point flow and heat transfer of sodium alginate non-Newtonian nanofluid. 2019 , 8, 179-192	5
540	An adaptive backstepping based non-linear controller for artificial pancreas in type 1 diabetes patients. 2019 , 47, 49-56	12
539	Classical Results and Modern Approaches to Nonconservative Stability. 2019 , 129-190	2
538	Can an ensemble climate simulation be used to separate climate change signals from internal unforced variability?. 2019 , 52, 3553-3573	24
537	Validating Noncooperative Control Designs Through a Lyapunov Approach. 2019 , 27, 527-539	6

536	A New Method to Study the Periodic Solutions of the Ordinary Differential Equations Using Functional Analysis. 2019 , 7, 677	3
535	LaplaceBade Parametric Homotopy Perturbation Method for Uncertain Nonlinear Oscillators. 2019 , 14,	1
534	Vibration control device for steel tubular towers of Horizontal Axis Wind Turbines. 2019 , 16,	3
533	Fractional gray Lotka-Volterra models with application to cryptocurrencies adoption. 2019 , 29, 073116	9
532	Nonequilibrium dynamics of isostatic spring networks. 2019 , 100, 013002	3
531	A novel method of visualizing q-complexity-entropy curve in the multiscale fashion. 2019 , 97, 2813-2828	5
530	Stability in Software Engineering: Survey of the State-of-the-Art and Research Directions. 2019 , 1-1	1
529	Mathematical interpretation of delayed instability in viscous unsaturated soil. 2019 , 9, 165-172	2
528	OIM: Oscillator-Based Ising Machines for Solving Combinatorial Optimisation Problems. 2019 , 232-256	25
527	On Hopf bifurcation in the problem of motion of a heavy particle on a rotating sphere: the viscous friction case. 2019 , 230, 4049-4060	0
526	Stability analysis of NavierStokes system. 2019 , 16, 1950157	5
525	Coupled thermohydraulic-neutronic stability extended criterion in a SFR core. 2019 , 355, 110319	1
524	Coupling functions: dynamical interaction mechanisms in the physical, biological and social sciences. 2019 , 377, 20190039	11
523	. 2019 , 7, 150294-150305	5
522	Distance Estimation Algorithm for Wireless Localization Systems Based on Lyapunov Sensitivity Theory. 2019 , 7, 158338-158348	1
521	A linear dynamic feedback controller for non-linear systems described by matrix differential equations of the second and first orders. 2019 , 52, 913-921	2
520	On Boundedness of Solutions of State Periodic Systems: A Multivariable Cell Structure Approach. 2019 , 64, 4094-4104	1
519	Feedback control variables to restrain the Babesiosis disease. 2019 , 42, 7517-7527	7

518	On stability of radial collapse of cylindrical shell filled with viscous incompressible fluid. 2019 , 1268, 012072	1
517	Simple Chaotic Systems with Specific Analytical Solutions. 2019 , 29, 1950116	12
516	A Lie transform approach to the construction of Lyapunov functions in autonomous and non-autonomous systems. 2019 , 60, 082704	1
515	Dual Combination Combination Multiswitching Synchronization of Eight Fractional Order Hyperchaotic Non Linear Dynamical Systems. 2019 , 5, 1	3
514	Semianalytical Solution for Simultaneous Distribution of Fluid Velocity and Sediment Concentration in Open-Channel Flow. 2019 , 145, 04019090	5
513	Center of Pressure Feedback Modulates the Entrainment of Voluntary Sway to the Motion of a Visual Target. 2019 , 9, 3952	8
512	Microstructure and stability conditions for hot deformation of a modified iron-based superalloy. 2019 , 35, 2217-2224	1
511	Mathematical Analysis for an Age-Structured Heroin Epidemic Model. 2019 , 164, 193-217	6
510	Group-Based Susceptible-Infectious-Susceptible Model in Large-Scale Directed Networks. 2019 , 2019, 1-9	2
509	Nanofluids Thin Film Flow of Reiner-Philippoff Fluid over an Unstable Stretching Surface with Brownian Motion and Thermophoresis Effects. 2019 , 9, 21	39
508	Sustainability of photovoltaic poverty alleviation in China: An evolutionary game between stakeholders. 2019 , 181, 264-280	42
507	Unconventional Computation and Natural Computation. 2019 ,	1
506	Metamaterial With Local Resonators Coupled by Negative Stiffness Springs for Enhanced Vibration Suppression. 2019 , 86,	18
505	A delayed avian influenza model with avian slaughter: Stability analysis and optimal control. 2019 , 529, 121544	7
504	A variational approach to nonlinear and interacting diffusions. 2019 , 37, 717-748	4
503	A Robustness Analysis of Dynamic Boolean Models of Cellular Circuits. 2019 , 183-195	
502	An Adaptive Sliding-Mode Iterative Constant-force Control Method for Robotic Belt Grinding Based on a One-Dimensional Force Sensor. 2019 , 19,	8
501	Stabilization of Lagrange points in circular restricted three-body problem: A port-Hamiltonian approach. 2019 , 383, 1907-1914	8

500	Rank reduced coupled cluster theory. I. Ground state energies and wavefunctions. 2019 , 150, 164118	20
499	Modular organization of murine locomotor pattern in the presence and absence of sensory feedback from muscle spindles. 2019 , 597, 3147-3165	37
498	Estimating parameters of nonlinear dynamic systems in pharmacology using chaos synchronization and grid search. 2019 , 46, 193-210	14
497	Topological Structures of Velocity and Electric Field in the Vicinity of a Cusp-type Magnetic Null Point. 2019 , 873, 41	1
496	Industrial Symbiosis Systems: Promoting Carbon Emission Reduction Activities. 2019 , 16,	11
495	A novel discriminant approximation of periodic differential equations. 2019 , 266, 5448-5487	
494	On the convective heat and zero nanoparticle mass flux conditions in the flow of 3D MHD Couple Stress nanofluid over an exponentially stretched surface. 2019 , 9, 562	43
493	Physics-based control education: energy, dissipation, and structure assignments. 2019 , 40, 035006	3
492	An exponential-enhanced-type varying-parameter RNN for solving time-varying matrix inversion. 2019 , 338, 126-138	10
491	High speed FPGA-based chaotic oscillator design. 2019 , 66, 72-80	31
490	. 2019 ,	
489	Three-party evolutionary game theory analysis of the development of Chinese professional construction micro enterprises. 2019 , 136, 01033	
488	Robust stability analysis and implementation of Persidskii systems. 2019 ,	9
487	Lyapunov Exponent based Stability Assessment of Power Systems. 2019 ,	1
486	Characterization of Finite/Fixed-time Stability of Evolution Inclusions. 2019 ,	1
485	Generalized Lyapunov Exponents of Homogeneous Systems. 2019 ,	
484	Toward a Unification of System-Theoretical Principles in Biology and Ecology The Stochastic Lyapunov Matrix Equation and Its Inverse Application. 2019 , 5,	14
483	Two-flow instability of particular class of one-dimensional dynamic equilibrium states of Vlasov-Poisson plasma. 2019 , 1, 045008	


482	Lyapunov Irregularity Coefficient as a Function of the Parameter for Families of Linear Differential Systems Whose Dependence on the Parameter Is Continuous Uniformly on the Time Half-Line. 2019 , 55, 1531-1543	
481	Rank reduced coupled cluster theory. II. Equation-of-motion coupled-cluster singles and doubles. 2019 , 151, 164121	6
480	Investigation of global stability of the equilibrium position of a system of differential autonomous equations with the help of admissible functions. 2019 ,	
479	What can Koopmanism do for attractors in dynamical systems?. 2019 , 29, 449	3
478	Kinetic Verification of the Stochastic Ion Heating Mechanism in Collisionless Magnetic Reconnection. 2019 , 887, L29	6
477	Swaying slower reduces the destabilizing effects of a compliant surface on voluntary sway dynamics. 2019 , 14, e0226263	8
476	Backstepping Design for the Predefined-Time Stabilization of Second-Order Systems. 2019 ,	3
475	Analysis of Wide and Deep Echo State Networks for Multiscale Spatiotemporal Time Series Forecasting. 2019 ,	1
474	Locomotion Stability Analysis of Lower Extremity Augmentation Device. 2019 , 16, 99-114	4
473	Complete Global Stability of a Metapopulation Model and Its Dynamically Consistent Discrete Models. 2019 , 18, 461-475	17
472	Backward bifurcation in a stage-structured epidemic model. 2019 , 89, 85-90	5
471	Global dynamics and integrity of a micro-plate pressure sensor. 2019 , 69, 432-444	8
470	Sample-Based Methods of Analysis for Multistable Dynamical Systems. 2019 , 26, 1515-1545	6
469	A Paradigm for Path Following Control of a Ribbon-Fin Propelled Biomimetic Underwater Vehicle. 2019 , 49, 482-493	26
468	Triathlon transition study: quantifying differences in running movement pattern and precision after bike-run transition. 2019 , 18, 215-228	4
467	Event-Triggered Coordination for Formation Tracking Control in Constrained Space With Limited Communication. 2019 , 49, 1000-1011	31
466	A global asymptotic stability condition for a Lotka-Volterra model with indirect interactions. 2019 , 98, 1636-1645	
465	Hybrid online learning control in networked multiagent systems: A survey. 2019 , 33, 228-261	21

464	Morphogenesis as Bayesian inference: A variational approach to pattern formation and control in complex biological systems. 2020 , 33, 88-108	39
463	(Dis)continuity of Lyapunov exponents. 2020 , 40, 577-611	5
462	Impact of cannibalism on dynamics of a structured predator-prey system. 2020 , 78, 1-19	4
461	Innovative DOA Estimation Algorithm Based on Lyapunov Theory. 2020 , 67, 2219-2223	7
460	Complexity of bird song caused by adversarial imitation learning. 2020 , 25, 124-132	
459	Thermally stratified Darcy-Brinkman nanofluid flow comprising carbon nanotubes with effects of Cattaneo-Christov heat flux and homogeneous-heterogeneous reactions. 2020 , 95, 015701	14
458	Reliability Analysis of Large-Scale Adaptive Weighted Networks. 2020 , 15, 651-665	3
457	Selected local stability problems of channel section flanges made of aluminium alloys. 2020 , 32, 647-664	2
456	On the stability of the generalized, finite deformation correspondence model of peridynamics. 2020 , 182-183, 64-76	17
455	Sensitivity to Cumulative Perturbations for a Class of Piecewise Constant Hybrid Systems. 2020 , 65, 1057-1072	0
454	Constructing Backbone Curves from Free-Decay Vibrations Data in Multi-Degrees of Freedom Oscillatory Systems. 2020 , 221-223	0
453	Regularity and Stability Sets for Families of Sequences of Matrices. 2020 , 32, 1603-1630	0
452	Krylov methods for adjoint-free singular vector based perturbations in dynamical systems. 2020 , 146, 225-239	
451	The Emergence of Complexity from a Simple Model for Tissue Growth. 2020 , 180, 459-473	0
450	Characterization of time series through information quantifiers. 2020 , 132, 109565	4
449	Geometric ergodicity of affine processes on cones. 2020 , 130, 4141-4173	5
448	Promoting the implementation of extended producer responsibility systems in China: A behavioral game perspective. 2020 , 250, 119446	12
447	A Robustness Analysis of Dynamic Boolean Models of Cellular Circuits. 2019 ,	0

446	The coordination of stakeholder interests in environmental regulation: Lessons from China's environmental regulation policies from the perspective of the evolutionary game theory. 2020 , 249, 119385	46
445	A Survey of Controller Designs for New Generation UAVs: The Challenge of Uncertain Aerodynamic Parameters. 2020 , 18, 801-816	9
444	Semilinear degenerate elliptic boundary value problems via the Semenov approximation. 2020 , 1	2
443	A necessary and sufficient condition for stability of a class of planar nonlinear systems. 2020 , 121, 109198	1
442	Stability Constrains How Populations Spread Risk in a Model of Food Exchange. 2020 , 2, 269-283	1
441	Regularity Coefficients for Impulsive Differential Equations. 2020 , 71, 1535-1556	
440	Characterizing dynamics of time series via Hill-index complexity measure. 2020 , 30, 113139	1
439	Automatic Determination of Connected Sublevel Sets of CPA Lyapunov Functions. 2020 , 19, 1029-1056	1
438	Geodesic stability and quasi normal modes via Lyapunov exponent for Hayward black hole. 2020 , 35, 2050249	6
437	On the Lyapunov Type Inequality. 2020 , 64, 16-23	
436	. 2020 ,	3
435	Stability of forced-damped response in mechanical systems from a Melnikov analysis. 2020 , 30, 083103	4
434	Stable Backward Diffusion Models that Minimise Convex Energies. 2020 , 62, 941-960	
433	. 2020 , 8, 174032-174048	
432	Hrnet: Hamiltonian Rescaling Network for Image Downscaling. 2020 ,	4
431	A new synthetic output tracking scheme for non-minimum phase affine nonlinear systems. 2020 , 357, 13326-13361	0
430	Finite-time stability of nonlinear systems with state-dependent delayed impulses. 2020 , 102, 197-210	6
429	A Protocol Design Paradigm for Batched Sparse Codes. 2020 , 22,	7

- 428 Evolutionary Game Models on Multiagent Collaborative Mechanism in Responsible Innovation. **2020**, 2020, 1-11 2
- 427 Processing Maps for the Hot Forming of Polycrystalline Metallic Materials Using the Garofalo Equation. **2020**, 51, 5836-5847
- 426 Stable attractors in the three-dimensional general relativistic Poynting-Robertson effect. **2020**, 101, 3
- 425 On an electrodynamic origin of quantum fluctuations. **2020**, 102, 621-634 6
- 424 Reducibility sets for sequences of matrices. **2020**, 1-15
- 423 Bounding Extreme Events in Nonlinear Dynamics Using Convex Optimization. **2020**, 19, 1823-1864 7
- 422 Affordable Human Gait Analysis Using a Virtual Reality-Based Platform. **2020**, 15, 307-313
- 421 Compaction Banding in High-Porosity Carbonate Rocks: 2. A Gradient-Dependent Plasticity Model. **2020**, 125, e2020JB020610 5
- 420 Construction of Lyapunov Functions for Second-Order Linear Stochastic Stationary Systems. **2020**, 250, 835-846
- 419 Walking machines movement optimization with fuzzy nonlinear programming methods. **2020**,
- 418 Microstructural inelastic fingerprints and data-rich predictions of plasticity and damage in solids. **2020**, 66, 141-154 6
- 417 Construction of a new Lyapunov function for a dissipative gyroscopic system using the residual energy function. **2020**, 21, 629-634
- 416 Sufficient Stability Conditions for Polynomial Systems. **2020**, 56, 13-21 4
- 415 Promoting the sustainable development of the recycling market of construction and demolition waste: A stakeholder game perspective. **2020**, 277, 122281 21
- 414 Back-stepping based Pressure Controller for Managed Pressure Drilling. **2020**,
- 413 A distributionally robust stochastic optimization-based model predictive control with distributionally robust chance constraints for cooperative adaptive cruise control under uncertain traffic conditions. **2020**, 138, 144-178 15
- 412 On the global asymptotic stability of a predator-prey model with Crowley-Martin function and stage structure for prey. **2020**, 64, 765-780 4
- 411 Robot Grinding System Trajectory Compensation Based on Co-Kriging Method and Constant-Force Control Based on Adaptive Iterative Algorithm. **2020**, 21, 1637-1651 4

410	Energy-based seismic stability analysis of single-layer reticulated dome structures. 2020 , 154, 106794	2
409	Affine-Contractor Approach to Handle Nonlinear Dynamical Problems in Uncertain Environment. 2020 , 215-237	
408	Mathematical model of tip oscillations: Influence on image quality. 2020 , 516, 146144	2
407	Effect of Time-Varying Delay on Stability of Real-Time Hybrid Simulation with Multiple Experimental Substructures. 2020 , 1-26	6
406	Real-time stochastic power management strategies in hybrid renewable energy systems: A review of key applications and perspectives. 2020 , 187, 106497	32
405	Analysis of Multi-Stakeholders Behavioral Strategies Considering Public Participation under Carbon Taxes and Subsidies: An Evolutionary Game Approach. 2020 , 12, 1023	7
404	Semi-analytical solution for one-dimensional unsteady sediment transport model in open channel with concentration-dependent settling velocity. 2020 , 95, 055204	6
403	Regelungstechnik 1. 2020 ,	5
402	How do conservative backbone curves perturb into forced responses? A Melnikov function analysis. 2020 , 476, 20190494	12
401	Principled reward shaping for reinforcement learning via lyapunov stability theory. 2020 , 393, 83-90	9
400	Where and how do localized perturbations affect stream and coastal ocean populations with nonlinear growth dynamics?. 2020 , 13, 223-238	
399	Evolutionary Game Analysis of Tripartite Cooperation Strategy under Mixed Development Environment of Cascade Hydropower Stations. 2020 , 34, 1951-1970	7
398	Advances in Signal Processing and Intelligent Recognition Systems. 2020 ,	
397	The Fisher-DisEn plane: A novel approach to distinguish different complex systems. 2020 , 89, 105271	6
396	Understanding local government information disclosure in China environmental project construction from the dual-pressure perspective. 2020 , 263, 121311	8
395	Analysis of time series in the cumulative residual entropy plane based on oscillation roughness exponent. 2020 , 100, 2167-2186	2
394	Modeling of Human Cognition in Consensus Agreement on Social Media and Its Implications for Smarter Manufacturing. 2021 , 17, 2902-2909	1
393	A Necessary and Sufficient Condition for Stability of a Class of Planar Positive Nonlinear Systems. 2021 , 5, 535-540	1

392	Small-Signal Modeling and Analysis of MMC Under Unbalanced Grid Conditions Based on Linear Time-Periodic (LTP) Method. 2021 , 36, 205-214	14
391	Parcels and particles: Markov blankets in the brain. 2021 , 5, 211-251	19
390	Exponential stability of nonlinear fractional stochastic system with Poisson jumps. 2021 , 93, 945-957	2
389	High-order fully actuated system approaches: Part I. Models and basic procedure. 2021 , 52, 422-435	28
388	Investigation of Wind Energy Impact on Power Systems Stability Using Lyapunov Exponents. 2021 , 12-22	
387	Research on the Evolution of the Express Packaging Recycling Strategy, Considering Government Subsidies and Synergy Benefits. 2021 , 18,	4
386	Application of LaSalle's Invariance Principle on Polynomial Differential Equations using Quantifier Elimination. 2021 , 1-1	0
385	An approach to numerical estimating the stability of multilevel constitutive models. 2021 , 14, 61-76	1
384	The complex dynamics of renewable energy innovation system in Tunisia. 2021 , 121-164	0
383	Global stability of HIV/HTLV co-infection model with CTL-mediated immunity. 2021 ,	1
382	Dimensionality reduction of complex dynamical systems. 2021 , 24, 101912	5
381	Encyclopedia of Systems and Control. 2021 , 2130-2135	
380	Some results of a numerical estimating of the stability of the FCC metal two-level constitutive model. 2021 , 14, 127-143	
379	 2021 , 76, 147-194	
378	Nonautonomous equations and almost reducibility sets. 2021 , 1-14	
377	Non-asymptotic-time Dynamics. 2021 , 111-129	1
376	Mathematical modeling of HIV/HTLV co-infection with CTL-mediated immunity. 2021 , 6, 1634-1676	5
375	. 2021 , 9, 64945-64957	4

374	Epidemic Analysis of Wireless Rechargeable Sensor Networks Based on an Attack-Defense Game Model. 2021 , 21,	11
373	Estimating the Lyapunov Function and Stability of Motion of a System with Equations of Motion with an Asymptotically Expanded Right-Hand Side. 2021 , 57, 11-18	1
372	Beobachterentwurf für lineare, zeitvariante Systeme mittels Spektraltheorie. 2021 , 69, 85-96	0
371	Solving nonlinear differential equations using hybrid method between Lyapunov's artificial small parameter and continuous particle swarm optimization. 2021 , 11, 633	
370	Rolling Cargo Management Using a Deep Reinforcement Learning Approach. 2021 , 5, 10	
369	The Merits of Loop Analysis for the Qualitative Modeling of Social-Ecological Systems in Presence of Offshore Wind Farms. 2021 , 9,	1
368	Estimating and enlarging the region of attraction of multi-equilibrium points system by state-dependent edge impulses. 2021 , 103, 2421-2436	2
367	Allostery in Proteins as Point-to-Point Telecommunication in a Network: Frequency Decomposed Signal-to-Noise Ratio and Channel Capacity Analysis.	
366	How Hall electric fields intrinsically chaotize and heat ions during collisionless magnetic reconnection. 2021 , 28, 022113	0
365	Lyapunov stability of competitive cells dynamics in tumor mechanobiology. 2021 , 37, 244-263	3
364	Analysis on asymptotic stabilization of eco-compensation program for forest ecotourism stakeholders. 2021 , 28, 29304-29320	4
363	Minimal length effects on motion of a particle in Rindler space *. 2021 , 45, 023115	0
362	Robust optimal solution for a smart rigid-flexible system control during multimode operational mission via actuators in combination. 2021 , 52, 313	6
361	Discrete-time data-driven control with Hölder-continuous real-time learning. <i>International Journal of Control</i> , 1-13	1.5 1
360	Practical Computational Approach for the Stability Analysis of Fuzzy Model-Based Predictive Control of Substrate and Biomass in Activated Sludge Processes. 2021 , 9, 531	1
359	Fundamentals of Bifurcation Theory and Stability Analysis. 2021 , 31-71	0
358	Time series analysis via network science: Concepts and algorithms. 2021 , 11, e1404	3
357	Modeling and analysis of a within-host HIV/HTLV-I co-infection. 2021 , 27, 38	1

- 356 Temperature-Rate Dependence Thermoelasticity Theory with Memory-Dependent Derivative: Stability and Uniqueness. **2021**, 147, 04021003
- 355 Neural-Network Based Adaptive Self-Triggered Consensus of Nonlinear Multi-Agent Systems With Sensor Saturation. **2021**, 8, 1531-1541 7
- 354 A Lyapunov-based direct adaptive controller for the suppression and synchronization of a perturbed nuclear spin generator chaotic system. **2021**, 395, 125858 3
- 353 Dynamical Analysis and Optimal Control for a SEIR Model Based on Virus Mutation in WSNs. **2021**, 9, 929 4
- 352 Three-dimensional bipedal model with zero-energy-cost walking. **2021**, 103, 043003 2
- 351 Strict Nonlinear Normal Modes of Systems Characterized by Scalar Functions on Riemannian Manifolds. **2021**, 6, 1910-1917 3
- 350 Punishment or reward? Strategies of stakeholders in the quality of photovoltaic plants based on evolutionary game analysis in China. **2021**, 220, 119754 6
- 349 Solving combinatorial optimisation problems using oscillator based Ising machines. **2021**, 20, 287-306 4
- 348 Switching controller synthesis for delay hybrid systems under perturbations. **2021**, 0
- 347 On the stability of periodic motions of a two-body system with flexible connection in an elliptical orbit. **2021**, 104, 3479 0
- 346 On Some Properties of the New Generalized Fractional Derivative with Non-Singular Kernel. **2021**, 2021, 1-6 7
- 345 Stability of an HTLV-HIV coinfection model with multiple delays and CTL-mediated immunity. **2021**, 2021, 270 1
- 344 Negative-stiffness composite systems and their coupled-field properties. **2021**, 33, 1857-1872 2
- 343 Asymptotic behavior of a class of perturbed differential equations. **2021**, 73, 627-639
- 342 A Two-Steps-Ahead Estimator for Bubble Entropy. **2021**, 23, 0
- 341 On the Convergence of Stochastic Process Convergence Proofs. **2021**, 9, 1470 1
- 340 Pseudo-parameter Iteration Method (PIM): A semi-analytic solution procedure for nonlinear problems. **2021**, 97, 105733
- 339 Deterministic scattering of relativistic electron beams by off-resonant circularly polarized electromagnetic waves. **2021**, 28, 060702

338	Velocity controllers for a swarm of unmanned aerial vehicles. 2021 , 22, 100198	7
337	A new parametrization for static output feedback control of LPV discrete-time systems. 2021 , 128, 109566	3
336	Promoting the sustainable development of infrastructure projects through responsible innovation: An evolutionary game analysis. 2021 , 70, 101196	6
335	Global Dynamics of Secondary DENV Infection with Diffusion. 2021 , 2021, 1-17	2
334	Global Dynamics of HIV/HTLV-I Co-infection with Effective CTL-Mediated Immune Response. 2021 , 44, 4003	
333	Exploring the dilemma of overcapacity governance in China's coal industry: A tripartite evolutionary game model. 2021 , 71, 102000	15
332	The N-level ($N \times 4$) logistic cascade homogenized mapping for image encryption. 2021 , 105, 1911-1935	3
331	Dynamical behaviors and control measures of rumor-spreading model in consideration of the infected media and time delay. 2021 , 564, 237-253	8
330	Computation and verification of contraction metrics for exponentially stable equilibria. 2021 , 390, 113332	3
329	Cislunar Periodic Orbit Analysis for Persistent Space Object Detection Capability. 2021 , 58, 1174-1185	1
328	Output-Reference FiniteTime Bounded Tracking Control of Linear Systems with Disturbance Generated by an Exosystem. 2021 ,	
327	The Stability Analysis of Tunnel Lining Structure with Seismic Excitation Based on the Energy Evaluation Principle. 2021 , 2021, 1-17	0
326	Analysis of a Multiparticipant Game under a Subsidy and Punishment Mechanism: An Evolutionary Theory Perspective. 2021 , 2021, 1-20	1
325	Optimal equilibrium stabilization for a nonlinear infinite-dimensional plug-flow reactor model. 2021 , 130, 109722	0
324	Stability analysis of geodesics and quasinormal modes of a dual stringy black hole via Lyapunov exponents. 2021 , 53, 1	3
323	Lyapunov Functions for Investigating Stability Properties of a Fractional-Order Computer Virus Propagation Model. 2021 , 20, 1	0
322	Some Results on Fractional m-Point Boundary Value Problems. 2021 , 2021, 1-9	2
321	Acceleration-based sliding mode hierarchical control algorithm for shake table tests. 2021 , 50, 3670-3691	1

320 . **2021**, 66, 3682-3694

319 Time-varying Lyapunov functions for nonautonomous nabla fractional order systems. **2021**, 1

318 Finite-time stabilization of a perturbed chaotic finance model. **2021**, 32, 1-14 7

317 On the Direction of Time: From Reichenbach to Prigogine and Penrose. **2021**, 6, 79 2

316 Self-organization and evolution in dynamic friction systems. **2021**, 23, 1418-1432 2

315 Global asymptotic stability of a basic virus dynamics model with feedback controls. 1-15 1

314 Intraspecific variation stabilizes classic predator-prey dynamics. 0

313 Uncertainty of Resilience in Complex Networks With Nonlinear Dynamics. **2021**, 15, 4687-4695 0

312 Multi-objective Lyapunov-based controller design for nonlinear systems via genetic programming. 1 0

311 Model-based control of wind turbines for active power control. **2021**, 69, 820-835

310 A support vector regression (SVR)-based method for dynamic load identification using heterogeneous responses under interval uncertainties. **2021**, 110, 107599 11

309 On analysis generalization of TB-HIV dynamics by a two-scale reduction process. **2021**, 30, 104772 1

308 A tripartite evolutionary game analysis of Japan's nuclear wastewater discharge. **2021**, 214, 105896 6

307 Functional observers with linear error dynamics for nonlinear systems. **2021**, 157, 105021 1


306 Stochastic effects on an HIV/AIDS infection model with incomplete diagnosis. **2021**, 152, 111344 2


305 Evolution of stakeholders' behavioral strategies in the ecological compensation mechanism for poverty alleviation. **2022**, 176, 105915 3

304 Computation of damped nonlinear normal modes for large scale nonlinear systems in a self-adaptive modal subspace. **2022**, 162, 108082 2



303 Game analysis of merchants and consumers confronting fakes on e-commerce platforms. **2021**, 9, 198-208



302	. 2021 , 9, 84417-84464	0
301	Qualitative Features of Delay Differential Equations. 2021 , 3-22	
300	. 2021 , 1-1	0
299	On First Integrals and Invariant Manifolds in the Generalized Problem of the Motion of a Rigid Body in a Magnetic Field. 2021 , 157-173	
298	The Resilience and Vulnerability of Human Brain Networks Across the Lifespan. 2021 , 29, 1756-1765	0
297	A new semi-analytical technique for nonlinear systems based on response sensitivity analysis. 2021 , 103, 1529-1551	3
296	Finite Time Stabilization of Nonautonomous First-Order Hyperbolic Systems. 2021 , 59, 3179-3202	
295	Stability of Nonlinear Systems.	5
294	Time, Systems, and Control:Qualitative Properties and Methods. 2003 , 23-46	0
293	On Linear Invariant Manifolds in the Generalized Problem of Motion of a Top in a Magnetic Field. 2019 , 246-261	1
292	Automated Nonlinear Control Structure Design by Domain of Attraction Maximization with Eigenvalue and Frequency Domain Specifications. 2020 , 118-141	1
291	Iterative Construction of Complete Lyapunov Functions: Analysis of Algorithm Efficiency. 2020 , 83-100	1
290	Multi-switching Combination Synchronization of Fractional Order Chaotic Systems. 2020 , 655-664	8
289	Encyclopedia of Applied and Computational Mathematics. 2015 , 834-838	4
288	How Nonlinear Is It? A Tutorial on Nonlinearity of Orbit and Attitude Dynamics. 2004 , 52, 7-60	61
287	Beyond APs and VPs: evidences of chaos and self-organized criticality in electrical signals in plants.	1
286	Proving Asymptotic Stability with LaSalle's Invariance Principle: On the Automatic Computation of Invariant Sets Using Quantifier Elimination*. 2020 ,	1
285	Synchronization and temporal nonreciprocity of optical microresonators via spontaneous symmetry breaking. 2019 , 1, 1	5

284	GLOBAL DYNAMICAL ANALYSIS OF A HEROIN EPIDEMIC MODEL ON COMPLEX NETWORKS. 2016 , 6, 429-442	2
283	Platoon Control Algorithm Evaluation: Metrics, Configurations, Perturbations, and Scenarios. 2020 , 48, 20170347	3
282	Path stability of stochastic differential equations driven by time-changed Lévy noises. 2018 , 15, 479	8
281	Hot forming behavior of a modified NiCr superalloy. 2020 , 111, 968-975	3
280	Features of Loss of Stability of the Work of Two-Link Mechanisms That Have an Infinite Number of Degrees of Freedom. 2018 , 3,	2
279	A Novel Epidemic Model for Wireless Rechargeable Sensor Network Security. 2020 , 21,	12
278	Center problem for systems with two monomial nonlinearities. 2016 , 15, 577-598	4
277	A Rikitake type system with one control. 2013 , 18, 1755-1776	9
276	Review on computational methods for Lyapunov functions. 2015 , 20, 2291-2331	75
275	Classical converse theorems in Lyapunov's second method. 2015 , 20, 2333-2360	37
274	Integral conditions for nonuniform \mathbb{B} -dichotomy on the half-line. 2017 , 22, 3063-3077	3
273	Computing continuous and piecewise affine lyapunov functions for nonlinear systems. 2015 , 2, 227-246	11
272	 2012 , 76, 149-172	21
271	 2014 , 205, 109-138	3
270	Global Analysis of an SEIR Epidemic Model with Infectious Force under Intervention Strategies. 2019 , 07, 1706-1717	3
269	The Mixture of New Integral Transform and Homotopy Perturbation Method for Solving Discontinued Problems Arising in Nanotechnology. 2015 , 05, 688-695	5
268	3D mass digitization: a milestone for archeological documentation. 2017 , 8, 1	19
267	Distributed computation with continual population growth. 1	

- 266 Steady-state solutions of Minorsky's quasi-linear equation. 1
- 265 On analysis of Persidskii systems and their implementations using LMIs. **2021**, 134, 109905 0
- 264 Stability and influencing factors when designing incentive-compatible payments for watershed services: Insights from the Xin'an River Basin, China. **2021**, 134, 104824 1
- 263 The Role of Stability Theory in the Great Theories of the XX Century. **2002**, 127-140 1
- 262 Erweiterungen der Regelungsstruktur. **2004**, 496-510
- 261 New Development Of Vector Lyapunov Functions And Airplane Control Synthesis. **2004**,
- 260 A Converse Lyapunov Theorem and Robustness with Respect to Unbounded Perturbations for Exponential Dissipativity. **2010**, 2010, 726347
- 259  **2013**, 68, 147-176 2
- 258 Encyclopedia of Systems Biology. **2013**, 1144-1145
- 257 Two New Iterated Maps for Numerical Nth Root Evaluation. **2014**, 05, 2974-2981
- 256 Dynamical Roles of Jacobian Feedback Loops and Qualitative Modeling. **2014**, 205-240 1
- 255 The Hidden Geometry of the Babylonian Square Root Method. **2014**, 05, 2982-2987
- 254 Numerical Solutions of Initial Boundary Value Problems for Metals and Soils. **1998**, 391-468 1
- 253 Stabilität rückgekoppelter Systeme. **1999**, 299-346
- 252 Bibliography. 309-392
- 251 Bibliography. 349-433
- 250 Self-breeding: a new method to estimate local Lyapunov structures.
- 249 Observer-Based Stabilization of a Manipulator Based on the Timoshenko Beam Model. **2015**, 131-167


- 248 Continuous Matrix Factorizations. **2015**, 299-318 1
- 247 OPERATIONALIZATION AND ESTIMATION OF BALANCED DEVELOPMENT INDEX FOR POLAND 1999-2016. **2015**, 16, 461-487 3
- 246 Bibliography. 839-862
- 245 A Nonlinear Adaptive Compliance Controller for Rehabilitation. **2016**, 5, 123-131 1
- 244 Global Lipschitz invariant center manifolds for ODEs with generalized trichotomies. **2017**, 1-26
- 243 Introduction. **2017**, 1-4
- 242 Model Based Compensation for Low Mass Objects Haptic Manipulation in Virtual Environments. **2017**, 87-101 1
- 241 Lyapunov Functions Obtained from First Order Approximations. **2017**, 3-28
- 240 Comparison on Sufficient Conditions for the Stability of Hill Equation: An Arnold's Tongues Approach. **2017**, 08, 1481-1514 2
- 239 Arnold Tongues for Discrete Hill's Equation. **2017**, 08, 1859-1882
- 238 Expansivity implies existence of Hölder continuous Lyapunov function. **2017**, 22, 3575-3589
- 237 Global Asymptotic Stability of the Second-Order Nonlinear Difference Equation $x_{n+1} = a/x_n^2 + 1/x_n - 1$. **2017**, 07, 16-19
- 236 On periodic differential equations with dissipation. **2018**, 1-17
- 235 Lyapunov Functions for Almost Sure Exponential Stability. **2018**, 51-61
- 234 Numerical Construction of Nonsmooth Control Lyapunov Functions. **2018**, 343-373 1
- 233 Qualitative Analysis of a Dynamical System with Irrational First Integrals. **2018**, 254-271
- 232 SMM Clos-Network Switches under SD Algorithm. **2018**, 1, 24-31
- 231 Modular organization of the murine locomotor pattern in presence and absence of sensory feedback from muscle spindles.

- 230 NONUNIFORM DICHOTOMY SPECTRUM INTERVALS: THEOREM AND COMPUTATION. **2019**, 9, 1102-1119
- 229 Trajectory Tracking Control of Wheeled Mobile Robots Using Backstepping. **2019**, 289-300
- 228 Selected Stability Problems of Thin-Walled Columns and Beams. **2019**, 615-625
- 227 The Jamming Paradigm in Ecology. **2019**, 133-152
- 226 Lyapunov regularity and triangularization for unbounded sequences. **2019**, 1-31
- 225 Lyapunov Exponents. **2019**, 33-69
- 224 A Resilient Behavior Approach Based on Non-monotonic Logic. **2019**, 403-413
- 223 Loss of stability of open two-link mechanisms. **2019**, 25, 220-225 ○
- 222 Precision of Tissue Patterning is Controlled by Dynamical Properties of Gene Regulatory Networks. ○
- 221 On linear stability of shear flows of an ideal stratified fluid: research methods and new results. **2019**, 1392, 012006
- 220 Mathematical control theory: nonlinear dynamics and engineering applications. **2020**, 29-27
- 219  **2020**, 84, 3-22
- 218 Literature Review. **2020**, 9-28 2
- 217 Complete Lyapunov Functions: Determination of the Chain-Recurrent Set Using the Gradient. **2021**, 104-121 ○
- 216  **2020**, 211, 50-97 1
- 215 Analysis of Homogeneous Dynamical Systems. **2020**, 225-270
- 214 Stability: Lyapunov, Linear Systems. **2020**, 1-6
- 213 ANN and elements of differential games in the model of regulated wheel slippage process in a braking mode. **2020**,

212	 2020 , 72, 1682-1696	1
211	On the stability of a mathematical model for HIV(AIDS) - cancer dynamics. 2021 , 8, 783-796	
210	The role of viscous regularization in dynamical problems, strain localization and mesh dependency. 2022 , 388, 114185	3
209	Analysis of an HTLV/HIV dual infection model with diffusion. 2021 , 18, 9430-9473	1
208	On existence of oscillations in Persidskii systems. 2020 , 53, 6305-6310	1
207	Koopman Framework for Global Stability Analysis. 2020 , 35-58	
206	Stability and Convergence Rate. 2020 , 111-120	
205	Method of Lyapunov Functions. 2020 , 121-149	
204	Vertical Transmission of Syphilis With Control Treatment. 2020 , 246-269	
203	Minimal Control of Constrained, Partially Controllable & Observable Linear Systems. 2020 , 53, 4521-4526	
202	Port-Hamiltonian Based Control of the Sun-Earth 3D Circular Restricted Three-Body Problem: Stabilization of the L_1 Lagrange Point. 2020 , 10, 39-49	0
201	 2020 , 75, 107-122	0
200	Reliability and Connectivity Improve the Ranking Principle. 2020 , 248-262	
199	BDI: A New Measure of Well-Being and Governability. 2020 , 1-26	
198	Oscillations in a nonlinear spring mechanism with one degree of freedom. 2020 , 329, 03002	1
197	Lyapunov Functions for Higher-Dimensional Epidemiological Models. 2020 , 09, 2222-2227	
196	Reduced-order modelling based on non-linear modes. 2021 , 214, 106915	2
195	Singular Values, Exterior Calculus and Logarithmic Norms. 2021 , 41-93	

- 194 On the Numerical Value of Finite-Time Pseudo-Lyapunov Exponents. **2009**, 13-23
- 193 Stability and Asymptotic Behaviour of Nonlinear Systems: An Introduction. **2007**, 195-219
- 192 A Study of Stochastic Resonance as a Mathematical Model of Electrogastrography during Sitting Position. **2009**, 5-8
- 191 Fluorescence Recovery After Photobleaching to Study the Dynamics of Membrane-Bound Proteins In Vivo Using the Drosophila Embryo. **2021**, 2179, 145-159 1
- 190  **2020**, 72, 1432-1442 1
- 189 On the stability of perturbed Volterra integrodifferential equations. **2020**, 32,
- 188 System specific triangulations for the construction of CPA Lyapunov functions. **2021**, 26, 6027 2
- 187 The impact of government intervention measures on recycling of waste electrical and electronic equipment in China considering consumer decision. **2022**, 160, 112697 2
- 186 Stabilization of the Motion of Nonautonomous Polynomial Systems*. **2021**, 57, 524-533
- 185 Global asymptotic stability of a general fractional-order single-species model. **2022**, 28, 1
- 184 A two-sex renewal model and its population projection. **2021**, 143, 46-46
- 183 Nonlocal Games with Noisy Maximally Entangled States are Decidable. **2021**, 50, 1800-1891
- 182 The Coevolution Mechanism of Stakeholder Strategies in the Recycled Resources Industry Innovation Ecosystem: The View of Evolutionary Game Theory.
- 181 Phase-Binarized Spin Hall Nano-Oscillator Arrays: Towards Spin Hall Ising Machines. **2022**, 17, 4
- 180 A Stochastic SEIRS Epidemic Model with Infection Forces and Intervention Strategies.. **2022**, 2022, 4538045
- 179 Semianalytical Solution for Nonequilibrium Suspended Sediment Transport in Open Channels with Concentration-Dependent Settling Velocity. **2022**, 27, 2
- 178 Lyapunov stability for detecting adversarial image examples. **2022**, 155, 111745
- 177 An elementary method for the study of Meissner's equation and its application to proving the Oscillation Theorem. **2013**, 79, 87-104 2

- 176 Computational Mathematical Model Based on Lyapunov Function for the Hormonal Storage Control. **2020**, 8, 375-391
- 175 Asymptotic Behavior of a Class of Perturbed Differential Equations. **2021**, 73, 731-745 1
- 174 Dynamical phenomena connected with stability loss of equilibria and periodic trajectories. **2021**, 76, 883-926 0
- 173 Global analysis of within-host SARS-CoV-2/HIV coinfection model with latency.. **2022**, 137, 174 7
- 172 Implementation of environmental regulation strategies for nitrogen pollution in river basins: a stakeholder game perspective.. **2022**, 1 0
- 171 Signature of supersolidity in a driven cubic-quartic nonlinear Schrödinger equation. **2022**, 55, 025301 0
- 170 Matching geometric and expansion characteristics of wild chaotic attractors. 1 0
- 169 Evolutionary Game and Simulation Analysis of Low-Carbon Technology Innovation With Multi-Agent Participation. **2022**, 10, 11284-11295 2
- 168 Stability Evaluation of Multi-pillar and Roof System Based on Instability Theory. **2022**, 55, 1461 0
- 167 On the Importance of Being Flexible: Dynamic Brain Networks and Their Potential Functional Significances.. **2021**, 15, 688424 2
- 166 Coexistence Mechanism of Alien Species and Local Ecosystem Based on Network Dimensionality Reduction Method.
- 165 New regularity coefficients. **2022**, 1-25
- 164 Finite-time stabilization of nonlinear systems via impulsive control with state-dependent delay. **2022**, 359, 1196-1214 3
- 163 Notes on Recent Achievements in Proving Stability using KeYmaeraX. **2021**, 28, 326-336
- 162 Uncertainty Quantification of Multi-Scale Resilience in Nonlinear Complex Networks Using Arbitrary Polynomial Chaos.
- 161 Qualitative and Analytical Treatment of Nonlinear Dynamical Systems in Neurological Diseases. **2022**, 85-114
- 160 Steady-state statistics, emergent patterns and intermittent energy transfer in a ring of oscillators.. **2022**, 108, 1133-1163 2
- 159 Transitions between polarization and radicalization in a temporal bilayer echo-chamber model.. **2022**, 105, 024125 1

- 158 Coherence and Stochastic Resonances in a Noisy van der Pol-Type Circadian Pacemaker Model Driven by Light. **2022**, 52, 1 0
- 157 Hybrid method between Lyapunov artificial small parameter and bat algorithm for fractional differential equations. 1-20
- 156 Sensitivity of time-dependent density functional theory to initial conditions. **2022**, 105,
- 155 Model Order Reduction for Water Quality Dynamics. **2022**, 58, 0
- 154 Simulation and modeling of radio-frequency atmospheric pressure plasmas in the non-neutral regime. **2022**, 31, 045003
- 153 A new complexity measure: Modified discrete generalized past entropy based on grain exponent. **2022**, 157, 111928 0
- 152 How to promote the sustainable development of prefabricated residential buildings in China: A tripartite evolutionary game analysis. **2022**, 349, 131423 6
- 151 How to reduce overpackaging of food in China: Analysis based on evolutionary game. **2022**, 31, 529-545
- 150 Lagrangian descriptors and the action integral of classical mechanics. **2022**, 434, 133206 0
- 149 The coevolution mechanism of stakeholder strategies in the recycled resources industry innovation ecosystem: the view of evolutionary game theory. **2022**, 179, 121627 0
- 148 An analysis of the behavioral decisions of governments, village collectives, and farmers under rural waste sorting. **2022**, 95, 106780 3
- 147  **2021**, 73, 1698-1713 0
- 146 Integraci3n de la estrategia FMBPC en una estructura de control predictivo en lazo cerrado. Aplicaci3n al control de fangos activados. **2021**, 19, 13-26
- 145 Alignment destabilizes crystal order in active systems.. **2021**, 104, 064605
- 144 Robust forecasting using predictive generalized synchronization in reservoir computing.. **2021**, 31, 123118 1
- 143 Robust attitude control of the three-dimensional unknown chaotic satellite system. **2022**, 44, 1484-1504 0
- 142 Connections between Different Criteria of Small-signal Stability Analysis of Power Systems. **2021**,
- 141 How to Alleviate Rent-Seeking Behaviour in Performance Appraisal of Government-Paid PPP Projects? Tripartite Evolutionary Game Approach. **2021**, 2021, 1-15 2

140 What is Multistability. **2022**, 1-43

139 OUP accepted manuscript. 0

138 Exploring an Efficient Evolutionary Game Model for the Government-Enterprise-Public during the Double Carbon Policy in China.. **2022**, 19, 1

137 The directional anti-derivative about a point: existence conditions and some applications. *International Journal of Control*, 1-0 1.5

136 Weighted Generalized Fractional Integration by Parts and the Euler-Lagrange Equation. **2022**, 11, 178 0

135 Table_1.docx. **2018**,

134 Nonlinear evolution of Buneman instability in inhomogeneous plasmas using Adomian decomposition method. 1-15

133 Stability of within host HTLV-I/HIV-1 co-infection in the presence of macrophages. 2

132 Extracting governing system for the plastic deformation of metallic glasses using machine learning. **2022**, 65, 1 0

131 Experimentally robustness improvement of DC motor speed control optimization by H-infinity of mixed-sensitivity synthesis. 1 3

130 Overview of the recent research progress for stability and control on random nonlinear systems. **2022**, 2

129 Dissipative quantum dynamics, phase transitions, and non-Hermitian random matrices. **2022**, 105, 0

128 Global asymptotic stability of some epidemiological models for computer viruses and malware using nonlinear cascade systems. **2022**, 28, 1 0

127 Uncovering the dynamics and uncertainties of substituting coal power with renewable energy resources. **2022**, 1

126 Evolutionary Game Analysis of the Dissemination of False Information by Multiple Parties after Major Emergencies. **2022**, 2022, 1-14 1

125 Lyapunov stability criteria in terms of class K functions for Riemann-Liouville nabla fractional order systems. **2022**, 0

124 Small-Signal Stability of MMC Grid-Tied System under Two Typical Unbalanced Grid Conditions. **2022**, 1-1 0

123 The Analysis of Optimization Algorithms: A Dissipativity Approach. **2022**, 42, 58-72

122	Network resilience. 2022 , 971, 1-108	5
121	Theoretical Investigations of Phase Transition, Mechanical, Electrical and Optical Properties of Tic Under Hydrostatic Pressure.	
120	Vertical Transmission of Syphilis With Control Treatment. 2022 , 165-185	
119	Preventing a global transition to thermoacoustic instability by targeting local dynamics. 2022 , 12,	1
118	Stability analysis of within-host SARS-CoV-2/HIV coinfection model.	4
117	Non-uniqueness, stability and bifurcation analyses in elasto-viscoplastic boundary value problems with no inertia. 2022 , 177, 103714	
116	Promoting dynamic pricing implementation considering policy incentives and electricity retailers' behaviors: An evolutionary game model based on prospect theory. 2022 , 167, 113059	0
115	How to build an efficient blue carbon trading market in China? - A study based on evolutionary game theory. 2022 , 132867	1
114	Optimal Control and Stability Analysis of an SEIR Model with Infectious Force in Latent Period. 2022 , 2022, 1-9	
113	Residue-regulating homotopy method for strongly nonlinear oscillators.	
112	Lyapunov Spectra Behavior for Linear Time-Varying Discrete Systems Under Small Perturbations. 2022 , 1-1	
111	Gait analysis under the lens of statistical physics. 2022 , 20, 3257-3267	
110	Modeling Techniques and Stability Analysis Tools for Grid-Connected Converters. 2022 , 1-19	0
109	Differential Steering System for Vehicular Yaw Tracking Motion with Help of Sliding Mode Control. 2022 ,	1
108	Design and Comparison of Optimal Controllers Using Look-Ahead Error in Path Following Problem. 2022 ,	
107	Chaotic RF Generator for Sub-1GHz Chaos-Based Communication Systems: mathematical modelling and experimental validation.	
106	Identifi ability and Detectability of Lyapunov Exponents for Linear Dynamical Systems. 2022 , 23, 339-350	
105	A Comparative Study on the Influence of Undersampling and Oversampling Techniques for the Classification of Physical Activities Using an Imbalanced Accelerometer Dataset. 2022 , 10, 1255	0

104 An application of the Lyapunov stability theorem: a bead on a rotating hoop.

103 A novel mathematical model to describe the transmission dynamics of tooth cavity in the human population. **2022**, 161, 112370 1

102 A systematic exploration of reservoir computing for forecasting complex spatiotemporal dynamics. **2022**, 153, 530-552 1

101 Smooth converse Lyapunov-barrier theorems for asymptotic stability with safety constraints and reach-avoid-stay specifications. **2022**, 144, 110478 0

100 Analyzing financial time series by dispersion entropy based on Hill's diversity number.

99 Some conditions for the proportional local assignability of the Lyapunov spectrum of discrete linear time-varying systems. **2022**, 144, 110458

98 A Novel Approximate Analysis of the Jump Points and Global Stability of the Duffing Oscillator. **2022**,

97 Über die algebraische Stabilitätsanalyse parametrischer polynomialer Systeme mittels LaSalle's Invarianzprinzip. **2022**, 70, 740-752

96 Behavior analysis of photovoltaic-storage-use value chain game evolution in blockchain environment. **2022**, 125182 1

95 SIRA: a model for propagation and rumor control with epidemic spreading and immunization for healthcare 5.0.

94 Probing phase structure of black holes with Lyapunov exponents. **2022**, 2022, 0

93 Toward sustaining the development of green residential buildings in China: A tripartite evolutionary game analysis. **2022**, 223, 109466 3

92 Seismic stability analysis of the large-span concrete-filled steel tube arch bridge considering the long-term effects. **2022**, 268, 114744 1

91 Controlling of nonlinear dynamical networks based on decoupling and re-coupling method. **2022**, 163, 112522 0

90 Strategies of stakeholders to promote distributed photovoltaics in China: An evolutionary game study. **2022**, 8, 11039-11051 1

89 On Equilibrium Positions in the Problem of the Motion of a System of Two Bodies in a Uniform Gravity Field. **2022**, 165-184 0

88 Stability analysis of general delayed HTLV-I dynamics model with mitosis and CTL immunity. **2022**, 19, 12693-12729 2

87 Verification of some functional inequalities via polynomial optimization. **2022**, 55, 166-171 0

86	Stability of the axial-auto-balanced impeller of centrifugal pump. 2022 , 34, 665-680	0
85	Optimization of the Stabilization Problem for the Vehicle Active Suspension System Using Linear Dynamic Feedback Control. 2022 ,	0
84	Stabilization by an estimated state controller of nonlinear time-varying systems. 2022 ,	0
83	Pseudospectral Methods for the Stability Analysis of Delay Equations. Part II: The Solution Operator Approach. 2023 , 95-116	0
82	Mathematical Assessment of the Impact of the Imperfect Vaccination on Diphtheria Transmission Dynamics. 2022 , 14, 2000	0
81	Beyond a Spray: Pesticide Application Management in Rural China Based on Quadrilateral Evolutionary Game. 2022 , 19, 12096	0
80	Generation Mechanism of Supply and Demand Gap of Forestry Carbon Sequestration Based on Evolutionary Game: Findings from China. 2022 , 13, 1488	0
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- 46 Global Dynamics of a Within-Host COVID-19/AIDS Coinfection Model with Distributed Delays. **2022**, 2022, 1-26 ○
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- 21 Dynamic Behaviors of a COVID-19 and Influenza Co-Infection Model with Time Delays and Humoral Immunity. **2023**, 12, 151 ○
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- 11 Global Dynamics of a Diffusive Within-Host HTLV/HIV Co-Infection Model with Latency. **2023**, 11, 1523
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- 3 Online ride-hailing regulation: a simulation study based on evolutionary game theory. 1-26
- 2 Introduction. **2023**, 1-19
- 1 Thermodynamic uncertainty relations for steady-state thermodynamics. **2023**, 107,