

# Ge Song

## List of Publications by Year in Descending Order

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**Version:** 2023-09-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

360  
papers

14,389  
citations

64  
h-index

107  
g-index

412  
ext. papers

17,162  
ext. citations

4.1  
avg, IF

7.56  
L-index

#	Paper	IF	Citations
360	A Universal Method for Constructing N-Port Reconfigurable Non-Blocking Optical Switches on a Silicon Chip. <i>IEEE Access</i> , <b>2022</b> , 10, 1850-1859	3.5	
359	Semi-global Periodic Event-triggered Output Regulation for Nonlinear Multi-agent Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2022</b> , 1-1	5.9	1
358	A nonlinear observer-based approach to robust cooperative tracking for heterogeneous spacecraft attitude control and formation applications. <i>IEEE Transactions on Automatic Control</i> , <b>2022</b> , 1-1	5.9	0
357	Stability Analysis for Hybrid Time-Delay Systems With Double Degrees. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-13	7.3	
356	Adaptive Finite-Time Command Filtered Backstepping Control for Markov Jumping Nonlinear Systems with Full-State Constraints. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2022</b> , 1-1	3.5	0
355	Distributed Kalman Filtering through Trace Proximity. <i>IEEE Transactions on Automatic Control</i> , <b>2022</b> , 1-1	5.9	
354	A Novel Electronic Chip Detection Method Using Deep Neural Networks. <i>Machines</i> , <b>2022</b> , 10, 361	2.9	0
353	Affective Computing Model with Impulse Control in Internet of Things based on Affective Robotics. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	
352	Fast finite-time tracking consensus with applications on multiple servo motors. <i>IEEE Transactions on Industrial Electronics</i> , <b>2022</b> , 1-1	8.9	0
351	Distributed Fault-Tolerant Cooperative Output Regulation for Multi-Agent Networks via Fixed-Time Observer and Adaptive Control. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 1-1	4	0
350	Robust Formation Control for Multiagent Systems Based on Adaptive Observers. <i>IEEE Systems Journal</i> , <b>2021</b> , 1-12	4.3	1
349	Synchronization Control for Coupled Delayed Neural Networks With Time-Varying Coupling Via Markov Pinning Strategy. <i>IEEE Systems Journal</i> , <b>2021</b> , 1-11	4.3	
348	Output Feedback-Based Neural Adaptive Finite-Time Containment Control of Non-Strict Feedback Nonlinear Multi-Agent Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 1-12	3.9	8
347	Desire-Driven Reasoning Considering Personalized Care Preferences. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-12	7.3	
346	Output Feedback Sliding Mode Control of Markovian Jump Systems and Its Application to Switched Boost Converter. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 5134-5144	3.9	6
345	Event-Triggered Control for Networked Systems Under Denial of Service Attacks and Applications. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 1-10	3.9	4
344	Semiglobal Tracking Cooperative Control for Multiagent Systems With Input Saturation: A Multiple Saturation Levels Framework. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 1215-1222	5.9	25

343	Coordinated collision avoidance for multi-vehicle systems based on collision time. <i>IET Control Theory and Applications</i> , <b>2021</b> , 15, 1439-1450	2.5	
342	Variational Adaptive Kalman Filter With Gaussian-Inverse-Wishart Mixture Distribution. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 1786-1793	5.9	14
341	Optimal linear-quadratic-Gaussian control for discrete-time linear systems with white and time-correlated measurement noises. <i>Optimal Control Applications and Methods</i> , <b>2021</b> , 42, 1467-1486	1.7	
340	Polytopic Event-Triggered Robust Model Predictive Control for Constrained Linear Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 2594-2603	3.9	6
339	Robust Formation Control for Multi-Agent Systems: A Reference Correction Based Approach. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 2616-2625	3.9	6
338	Discretized quasi-time-dependent control for asynchronously switched systems with dynamic dwell-time. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 7219-7238	3.6	
337	NN-based Prediction Interval for Nonlinear Processes Controller. <i>International Journal of Control, Automation and Systems</i> , <b>2021</b> , 19, 3239-3252	2.9	1
336	Event-Based Formation Control for Nonlinear Multiagent Systems Under DoS Attacks. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 452-459	5.9	53
335	Design of backtracking search heuristics for parameter estimation of power signals. <i>Neural Computing and Applications</i> , <b>2021</b> , 33, 1479-1496	4.8	9
334	Dissipativity-Based Consensus for Fuzzy Multiagent Systems Under Switching Directed Topologies. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 1143-1151	8.3	23
333	Design on Type-2 Fuzzy-Based Distributed Supervisory Control With Backlash-Like Hysteresis. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 252-261	8.3	26
332	Creating rule-based agents for artificial general intelligence using association rules mining. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2021</b> , 12, 223-230	3.8	2
331	A New Approach to Characterize Successive Packet Losses in Stochastic Networked Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 552-560	7.3	7
330	Exponential Stability of Markovian Jumping Systems via Adaptive Sliding Mode Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 954-964	7.3	45
329	Control of Discrete-Time Stochastic Systems With Packet Loss by Event-Triggered Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 755-764	7.3	10
328	Command Filtered Backstepping-Based Attitude Containment Control for Spacecraft Formation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 1278-1287	7.3	40
327	A New Fixed-Time Consensus Tracking Approach for Second-Order Multiagent Systems Under Directed Communication Topology. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 2488-2500	7.3	24
326	Active resilient control for two-dimensional systems under denial-of-service attacks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 759-771	3.6	1

325	Disturbance-Observer-Based Terminal Sliding Mode Control for Linear Traction System With Prescribed Performance. <i>IEEE Transactions on Transportation Electrification</i> , <b>2021</b> , 7, 649-658	7.6	8
324	Fixed-time sliding mode cooperative control for multiagent networks via event-triggered strategy. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 21-36	3.6	11
323	New results on robust sliding mode control for linear time-delay systems. <i>IMA Journal of Mathematical Control and Information</i> , <b>2021</b> , 38, 320-336	1.1	4
322	A Direct Approach of Path Planning Using Environmental Contours. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , <b>2021</b> , 101, 1	2.9	1
321	Nonfragile Observer-Based Control for Markovian Jump Systems Subject to Asynchronous Modes. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 3533-3540	7.3	8
320	Sliding Mode Control for Markov Jump Systems With Delays via Asynchronous Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 2916-2925	7.3	20
319	Event-Triggered Fuzzy Control for Nonlinear Systems via Sliding Mode Approach. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 336-344	8.3	28
318	Bi-Directional Benes With Large Port-Counts and Low Waveguide Crossings for Optical Network-on-Chip. <i>IEEE Access</i> , <b>2021</b> , 9, 115788-115800	3.5	2
317	Controllability Analysis and Verification for High-Order DCDC Converters Using Switched Linear Systems Theory. <i>IEEE Transactions on Power Electronics</i> , <b>2021</b> , 1-1	7.2	3
316	Event-Triggered Bipartite Consensus for Fuzzy Multi-Agent Systems under Markovian Switching Signed Topology. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	3
315	A Survey on Intelligent Control for Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 161-175	7.3	37
314	Preserving State and Control Privacies in Networked Systems with Tokenized Polytopic Transforms. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	2
313	Fault estimation and fault-tolerant control for networked systems based on an adaptive memory-based event-triggered mechanism. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 1-1	4.9	7
312	Dynamic event-triggered approach for networked control systems under denial of service attacks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 1774-1795	3.6	4
311	Path Planning for Smart Car Based on Dijkstra Algorithm and Dynamic Window Approach. <i>Wireless Communications and Mobile Computing</i> , <b>2021</b> , 2021, 1-12	1.9	14
310	Event-triggered adaptive leaderless consensus control for nonlinear multi-agent systems with unknown backlash-like hysteresis. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 7409-7424	3.6	3
309	Distributed Fault Detection and Control for Markov Jump Systems Over Sensor Networks With Round-Robin Protocol. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 3422-3435	3.9	3
308	Finite-time command filtered adaptive control for nonlinear systems via immersion and invariance. <i>Science China Information Sciences</i> , <b>2021</b> , 64, 1	3.4	14

307	A New Approach of Formation Control for Multi-Agent Systems With Environmental Changes. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 3449-3459	3.9	2
306	Fault estimation and fault-tolerant control for linear discrete time-varying stochastic systems. <i>Science China Information Sciences</i> , <b>2021</b> , 64, 1	3.4	11
305	Cooperative Control-Based Task Assignments for Multiagent Systems With Intermittent Communication. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 6697-6708	11.9	6
304	Resilient Event-Triggered Control for Networked Cascade Control Systems Under Denial-of-Service Attacks and Actuator Saturation. <i>IEEE Systems Journal</i> , <b>2021</b> , 1-9	4.3	5
303	Event-Triggered and Asynchronous Reduced-Order Filtering Codesign for Fuzzy Markov Jump Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-10	7.3	3
302	Robust Formation Control for Nonlinear Heterogeneous Multiagent Systems Based on Adaptive Event-Triggered Strategy. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2021</b> , 1-13	4.9	5
301	Resilient Adaptive Event-Triggered Fuzzy Tracking Control and Filtering for Nonlinear Networked Systems under Denial of Service Attacks. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	3
300	Event-Triggered Probability-Driven Adaptive Formation Control for Multiple Elliptical Agents. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-10	7.3	5
299	A state-feedback Nash equilibrium for the general TargetAttackerDefender differential game of degree in arbitrary dimensions. <i>International Journal of Control</i> , <b>2020</b> , 1-11	1.5	1
298	Global Predefined Time and Accuracy Adaptive Neural Network Control for Uncertain Strict-Feedback Systems With Output Constraint and Dead Zone. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-16	7.3	19
297	Neural network adaptive dynamic sliding mode formation control of multi-agent systems. <i>International Journal of Systems Science</i> , <b>2020</b> , 51, 2025-2040	2.3	15
296	Periodically Intermittent Stabilization of Neural Networks Based on Discrete-Time Observations. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 3497-3501	3.5	4
295	Collision-Free Formation Control for Multi-Agent Systems With Dynamic Mapping. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 1984-1988	3.5	11
294	State-feedback optimal strategies for the differential game of cooperative target defence: a geometric approach. <i>International Journal of Control</i> , <b>2020</b> , 1-8	1.5	2
293	Memory Output-Feedback Integral Sliding Mode Control for Furuta Pendulum Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2020</b> , 67, 2042-2052	3.9	8
292	Adaptive Robust Control for Stochastic Systems With Unknown Interconnections. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 1-1	8.3	3
291	Model predictive control of distributed networked control systems with quantization and switching topology. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 4584-4599	3.6	9
290	Fuzzy Model Based Control for Energy Management and Optimization in Fuel Cell Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 14674-14688	6.8	11

289	Event-triggered estimation and model predictive control for linear systems with actuator fault. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 2406-2412	2.5	3
288	A new unified input-to-state stability criterion for impulsive stochastic delay systems with Markovian switching. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 159-181	3.6	3
287	Solving fuzzy regression equation and its approximation for random fuzzy variable and their application. <i>Soft Computing</i> , <b>2020</b> , 24, 919-933	3.5	7
286	Design on nonfragile fuzzy filter for nonlinear time-delay systems. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2020</b> , 34, 248-265	2.8	2
285	Formation control of singular multiagent systems with switching topologies. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 652-664	3.6	6
284	Resilient filtering for cyber-physical systems under denial-of-service attacks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 1754-1769	3.6	15
283	Energy-to-Peak Filtering of Semi-Markov Jump Systems With Mismatched Modes. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 4356-4361	5.9	16
282	Secure state estimation for cyber-physical systems under sparse data injection attacks: a switched counteraction approach. <i>International Journal of Control</i> , <b>2020</b> , 1-12	1.5	1
281	Distributed L2 consensus of multi-agent systems under asynchronous switching topologies. <i>International Journal of Control</i> , <b>2020</b> , 1-10	1.5	1
280	Event-triggered H <sub>∞</sub> filtering for nonlinear discrete-time stochastic systems with application to vehicle roll stability control. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 8430-8448	3.6	5
279	Stackelberg Nash Game Approach for Constrained Robust Optimization With Fuzzy Variables. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 1-1	8.3	4
278	Event-triggered dynamic output feedback control for networked nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 7031-7051	3.6	2
277	Robust H <sub>∞</sub> pinning synchronization for complex networks with event-triggered communication scheme. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2020</b> , 67, 5233-5245	3.9	13
276	Energy Management of Fuel Cell Hybrid Vehicle Based on Partially Observable Markov Decision Process. <i>IEEE Transactions on Control Systems Technology</i> , <b>2020</b> , 28, 318-330	4.8	19
275	Event-based mixed H <sub>2</sub> and passive filtering for discrete singular stochastic systems. <i>International Journal of Control</i> , <b>2020</b> , 93, 2407-2415	1.5	10
274	Robust functional observer for stabilising uncertain fuzzy systems with time-delay. <i>Granular Computing</i> , <b>2020</b> , 5, 55-69	5.4	1
273	Probability-triggered formation control with adaptive roles. <i>International Journal of Control</i> , <b>2020</b> , 93, 1989-2000	1.5	4
272	Model Reduction of Markovian Jump Systems With Uncertain Probabilities. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 382-388	5.9	30

271	Synchronization Control for Neutral Stochastic Delay Markov Networks via Single Pinning Impulsive Strategy. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 5406-5419	7.3	16
270	Nonfragile and Nonsynchronous Synthesis of Reachable Set for Bernoulli Switched Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 726-731	7.3	8
269	Stability Analysis and Control for Switched System With Bounded Actuators. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 4506-4512	7.3	13
268	A Novel Double-Quadrant SoC Consistent Adaptive Droop Control in DC Microgrids. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 2034-2038	3.5	4
267	Stabilization of a Class of Nonlinear Systems With Random Disturbance via Intermittent Stochastic Noise. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 1318-1324	5.9	9
266	Directed-Graph-Observer-Based Model-Free Cooperative Sliding Mode Control for Distributed Energy Storage Systems in DC Microgrid. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 1224-1235 <sup>11.9</sup>	11.9	15
265	Cooperative fault-tolerant tracking control of heterogeneous hybrid-order mechanical systems with actuator and amplifier faults. <i>Nonlinear Dynamics</i> , <b>2019</b> , 98, 447-462	5	14
264	Robust Adaptive Control of Internet-based Bilateral Teleoperation Systems with Time-Varying Delay and Model Uncertainties <b>2019</b> ,		4
263	Uniform State-of-Charge Control Strategy for Plug-and-Play Electric Vehicle in Super-UPS. <i>IEEE Transactions on Transportation Electrification</i> , <b>2019</b> , 5, 1145-1154	7.6	7
262	Distributed fault estimation design of interconnected systems with external disturbances. <i>IET Control Theory and Applications</i> , <b>2019</b> , 13, 377-386	2.5	9
261	Containment Control of Multi-agent Systems with Uniform Quantization. <i>Circuits, Systems, and Signal Processing</i> , <b>2019</b> , 38, 3952-3970	2.2	4
260	Robust sampled-data model predictive control for networked systems with time-varying delay. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 1758-1768	3.6	6
259	Robust $H_{\infty}$ Control for T $\Sigma$ Fuzzy Systems With State and Input Time-Varying Delays via Delay-Product-Type Functional Method. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 1917-1930	8.3	62
258	Fault reconstruction for Markovian jump systems with iterative adaptive observer. <i>Automatica</i> , <b>2019</b> , 105, 254-263	5.7	23
257	Robust Active Noise Control Design by Optimal Weighted Least Squares Approach. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2019</b> , 66, 3955-3967	3.9	15
256	Multileader Multiagent Systems Containment Control With Event-Triggering. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 1-10	7.3	19
255	Event-based Distributed Filtering Approach to Nonlinear Stochastic Systems over Sensor Networks. <i>International Journal of Control, Automation and Systems</i> , <b>2019</b> , 17, 896-906	2.9	12
254	Fuzzy adaptive control of a class of nonlinear systems with unmodeled dynamics. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2019</b> , 33, 712-730	2.8	26

253	Asynchronous Control of Continuous-Time Nonlinear Markov Jump Systems Subject to Strict Dissipativity. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 1250-1256	5.9	65
252	High-order Intuitionistic Fuzzy Cognitive Map Based on Evidential Reasoning Theory. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 16-30	8.3	11
251	Fault detection for vehicle active suspension systems in finite-frequency domain. <i>IET Control Theory and Applications</i> , <b>2019</b> , 13, 387-394	2.5	13
250	Boundary control of linear stochastic reaction-diffusion systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 268-282	3.6	15
249	Event Triggered Adaptive Fuzzy Consensus for Interconnected Switched Multiagent Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 144-158	8.3	45
248	Discrete-Time Sliding Mode Control With Disturbance Rejection. <i>IEEE Transactions on Industrial Electronics</i> , <b>2019</b> , 66, 7967-7975	8.9	34
247	Distributed cooperative adaptive tracking control for heterogeneous systems with hybrid nonlinear dynamics. <i>Nonlinear Dynamics</i> , <b>2019</b> , 95, 2131-2141	5	16
246	Convergence of Optimal Linear Estimator With Multiplicative and Time-Correlated Additive Measurement Noises. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 2190-2197	5.9	10
245	Variable Threshold-Based Selective Updating Algorithms in Feed-Forward Active Noise Control Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2019</b> , 66, 782-795	3.9	12
244	Necessary conditions of exponential stability for a class of linear neutral-type time-delay systems. <i>International Journal of Control</i> , <b>2019</b> , 92, 1289-1297	1.5	7
243	Adaptive consensus control of leader-following systems with transmission nonlinearities. <i>International Journal of Control</i> , <b>2019</b> , 92, 317-328	1.5	57
242	Robust Kalman Filters Based on Gaussian Scale Mixture Distributions With Application to Target Tracking. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 2082-2096	7.3	77
241	Sliding mode control of singularly perturbed systems and its application in quad-rotors. <i>International Journal of Control</i> , <b>2019</b> , 92, 1325-1334	1.5	6
240	Robust fault estimation observer in the finite frequency domain for descriptor systems. <i>International Journal of Control</i> , <b>2019</b> , 92, 1590-1599	1.5	14
239	Reliable Filtering of Nonlinear Markovian Jump Systems: The Continuous-Time Case. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 386-394	7.3	48
238	Formation control for multi-robot systems with collision avoidance. <i>International Journal of Control</i> , <b>2019</b> , 92, 2223-2234	1.5	11
237	Reliable Tracking Control for Under-Actuated Quadrotors With Wind Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 2059-2070	7.3	27
236	Asynchronous Filtering for Markov Jump Neural Networks With Quantized Outputs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 433-443	7.3	57



235	Decentralized Adaptive Event-Triggered H Filtering for a Class of Networked Nonlinear Interconnected Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 1570-1579	10.2	98
234	Necessary and Sufficient Conditions of Exponential Stability for Delayed Linear Discrete-Time Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 712-719	5.9	21
233	Mathcal H_{\infty} Control for 2-D Markov Jump Systems in Roesser Model. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 427-432	5.9	59
232	Robust exponential stability of uncertain stochastic systems with probabilistic time-varying delays. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 3273-3291	3.6	11
231	Functional observer-based fuzzy controller design for continuous nonlinear systems. <i>International Journal of Systems Science</i> , <b>2018</b> , 49, 1047-1060	2.3	8
230	Fault Estimation Sliding-Mode Observer With Digital Communication Constraints. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 3434-3441	5.9	86
229	Event-Triggered Pinning Control for Consensus of Multiagent Systems With Quantized Information. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 1929-1938	7.3	127
228	Reachable set estimation for discrete-time switched system with application to time-delay system. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 2468-2483	3.6	15
227	New criteria for stochastic suppression and stabilization of hybrid functional differential systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 3946-3958	3.6	17
226	Robust approximation-based adaptive control of multiple state delayed nonlinear systems with unmodeled dynamics. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 3303-3323	3.6	6
225	Adaptive Fuzzy Control of Nonlinear Systems With Unknown Dead Zones Based on Command Filtering. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 46-55	8.3	115
224	Fault Detection Filtering for Nonhomogeneous Markovian Jump Systems via a Fuzzy Approach. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 131-141	8.3	178
223	Fault Diagnosis of Power Systems Using Intuitionistic Fuzzy Spiking Neural P Systems. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 4777-4784	10.7	73
222	Robust adaptive constrained boundary control for a suspension cable system of a helicopter. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2018</b> , 32, 50-68	2.8	18
221	Finite-time boundary stabilization of reaction-diffusion systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 1641-1652	3.6	25
220	Controllable-Domain-Based Fuzzy Rule Extraction for Copper Removal Process Control. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 1744-1756	8.3	15
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216	Output-Feedback Control With Finite Multiple Measurement Information. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 2588-2595	5.9	5
215	Reliable Control of Fuzzy Singularly Perturbed Systems and Its Application to Electronic Circuits. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2018</b> , 65, 3519-3528	3.9	91
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213	New delay range-dependent stability criteria for interval time-varying delay systems via Wirtinger-based inequalities. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 661-677	3.6	28
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211	Event-based dissipative analysis for discrete time-delay singular stochastic systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 6106-6121	3.6	22
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207	Adaptive fault tolerant control against actuator faults. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2017</b> , 31, 147-162	2.8	31
206	Scalable formation control in stealth with limited sensing range. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 410-433	3.6	13
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204	An adaptive event-triggering scheme for networked interconnected control system with stochastic uncertainty. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 236-251	3.6	54
203	Sliding mode fault-tolerant control of uncertain system: A delta operator approach. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 4173-4187	3.6	20
202	Active fault-tolerant control against actuator fault and performance analysis of the effect of time delay due to fault diagnosis. <i>International Journal of Control, Automation and Systems</i> , <b>2017</b> , 15, 537-546	2.9	36
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197	Reliable Control of Fuzzy Systems With Quantization and Switched Actuator Failures. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 2198-2208	7.3	65
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192	Time-weighted MR for switched LPV systems via balanced realisation. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 3069-3078	2.5	10
191	Sliding Mode Control of Discrete-Time Switched Systems with Repeated Scalar Nonlinearities. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 4604-4610	5.9	121
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188	Analysis and synthesis of networked control systems: A survey of recent advances and challenges. <i>ISA Transactions</i> , <b>2017</b> , 66, 376-392	5.5	210
187	Observer-based tracking control for MIMO pure-feedback nonlinear systems with time-delay and input quantisation. <i>International Journal of Control</i> , <b>2017</b> , 90, 2433-2448	1.5	16
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184	Stability of neutral stochastic switched time delay systems: An average dwell time approach. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 512-532	3.6	36
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175	Optimal Memory Size Formula for Moving-Average Digital Phase-Locked Loop. <i>IEEE Signal Processing Letters</i> , <b>2016</b> , 23, 1844-1847	3.2	4
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172	Performance assessment of switched control systems based on tensor space approach. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2016</b> , 30, 634-663	2.8	2
171	Adaptive Neural Fault-Tolerant Control of a 3-DOF Model Helicopter System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2016</b> , 46, 260-270	7.3	236
170	Analysis and design of delta operator systems with nested actuator saturation. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 3704-3710	2.3	4
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151	Learning accurate very fast decision trees from uncertain data streams. <i>International Journal of Systems Science</i> , <b>2015</b> , 46, 3032-3050	2.3	4
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148	Synchronization of delayed neural networks with Lévy noise and Markovian switching via sampled data. <i>Nonlinear Dynamics</i> , <b>2015</b> , 81, 1179-1189	5	19
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141	Fuzzy logic control of DSTATCOM for improving power quality and dynamic performance <b>2015</b> ,		8
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113	A finite-frequency domain approach to fault detection filter design for vehicle active suspension systems <b>2014</b> ,		3
112	New Developments in Sliding Mode Control and Its Applications. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-3	1.1	1
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107	Advanced Stochastic Control Systems with Engineering Applications. <i>Abstract and Applied Analysis</i> , <b>2014</b> , 2014, 1-2	0.7	
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105	Noise-to-state stability for random affine systems with state-dependent switching? <b>2014</b> ,		2
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85	Network-Based Robust Passive Control for Fuzzy Systems With Randomly Occurring Uncertainties. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2013</b> , 21, 966-971	8.3	76
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82	Output regulation of time delay systems based on internal model principle <b>2013</b> ,		9
81	Fuzzy-model-based controller design for nonlinear electromagnetic suspension systems <b>2013</b> ,		2
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75	Observer-Based Adaptive Fuzzy Backstepping Output Feedback Control of Uncertain MIMO Pure-Feedback Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2012</b> , 20, 771-785	8.3	283
74	Delay-dependent stability analysis for discrete-time singular Markovian jump systems with time-varying delay. <i>International Journal of Systems Science</i> , <b>2012</b> , 43, 2095-2106	2.3	35

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72	On stability and dissipativity of stochastic nonlinear systems <b>2012</b> ,		1
71	Fault detection for discrete-time switched systems with intermittent measurements. <i>International Journal of Control</i> , <b>2012</b> , 85, 78-87	1.5	47
70	Stability Analysis for High Frequency Networked Control Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2012</b> , 57, 2694-2700	5.9	38
69	Robust consensus algorithm for second-order multi-agent systems with external disturbances. <i>International Journal of Control</i> , <b>2012</b> , 85, 1913-1928	1.5	81
68	A Novel Approach to Filter Design for TB Fuzzy Discrete-Time Systems With Time-Varying Delay. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2012</b> , 20, 1114-1129	8.3	341
67	Learning naive Bayes classifiers from positive and unlabelled examples with uncertainty. <i>International Journal of Systems Science</i> , <b>2012</b> , 43, 1805-1825	2.3	12
66	Predictive control of networked systems with communication delays <b>2012</b> ,		4
65	Sensor fault estimation and compensation for time-delay switched systems. <i>International Journal of Systems Science</i> , <b>2012</b> , 43, 629-640	2.3	48
64	A new approach to network-based $H_{\infty}$ control for stochastic systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2012</b> , 22, 1036-1059	3.6	26
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62	Observer-based Reliable Control for Discrete Time Systems: An Average Dwell Time Approach. <i>Asian Journal of Control</i> , <b>2012</b> , 14, 1625-1633	1.7	3
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60	Reduced-order fault estimation observer design for discrete-time systems <b>2012</b> ,		2
59	Design on $H_{\infty}$ filtering for discrete-time switched delay systems. <i>International Journal of Systems Science</i> , <b>2011</b> , 42, 1965-1973	2.3	24
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57	$H_{\infty}$ filtering for a class of switched linear parameter varying systems. <i>International Journal of Systems Science</i> , <b>2011</b> , 42, 781-788	2.3	33
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55	Gain-Scheduled Robust Fault Detection on Time-Delay Stochastic Nonlinear Systems. <i>IEEE Transactions on Industrial Electronics</i> , <b>2011</b> , 58, 4908-4916	8.9	67
54	Rebuttal to Comments on Constrained Infinite-Horizon Model Predictive Control for Fuzzy-Discrete-Time Systems <i>IEEE Transactions on Fuzzy Systems</i> , <b>2011</b> , 19, 601-602	8.3	
53	Adaptive Output-Feedback Fuzzy Tracking Control for a Class of Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2011</b> , 19, 972-982	8.3	278
52	Delay-dependent state estimation for discrete Markovian jump neural networks with time-varying delay. <i>Asian Journal of Control</i> , <b>2011</b> , 13, 914-924	1.7	7
51	Observer-based finite-time stabilization for extended Markov jump systems. <i>Asian Journal of Control</i> , <b>2011</b> , 13, 925-935	1.7	11
50	Robust H <sub>∞</sub> filtering for a class of Markovian jump systems with time-varying delays based on delta operator approach. <i>Asian Journal of Control</i> , <b>2011</b> , 13, 398-407	1.7	13
49	Finite-Time Gain-Scheduled Control on Stochastic Bioreactor Systems with Partially Known Transition Jump Rates. <i>Circuits, Systems, and Signal Processing</i> , <b>2011</b> , 30, 609-627	2.2	22
48	Stabilization of networked control systems with nonuniform random sampling periods. <i>International Journal of Robust and Nonlinear Control</i> , <b>2011</b> , 21, 501-526	3.6	87
47	Robust adaptive control for greenhouse climate using neural networks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2011</b> , 21, 815-826	3.6	33
46	Active fault-tolerant control for switched systems with time delay. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2011</b> , 25, 466-480	2.8	30
45	Delay-dependent model reduction for continuous-time switched state-delayed systems. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2011</b> , 25, 843-854	2.8	8
44	Theory of Stochastic Dissipative Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2011</b> , 56, 1650-1655	5.9	49
43	H <sub>∞</sub> predictive control of networked control systems. <i>International Journal of Control</i> , <b>2011</b> , 84, 1080-1097	1.5	38
42	Central suboptimal H <sub>∞</sub> control design for nonlinear polynomial systems. <i>International Journal of Systems Science</i> , <b>2011</b> , 42, 801-808	2.3	12
41	Finite-Time Stabilization of Stochastic Systems With Partially Known Transition Probabilities. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2011</b> , 133,	1.6	21
40	Robust finite-time control for a class of extended stochastic switching systems. <i>International Journal of Systems Science</i> , <b>2011</b> , 42, 1197-1205	2.3	17
39	Stability and stabilization of T-S fuzzy systems with time-varying delay: An input-output approach <b>2011</b> ,		5
38	Switching fault tolerant control design via global dissipativity. <i>International Journal of Systems Science</i> , <b>2010</b> , 41, 1003-1012	2.3	20

37	Adaptive Tracking for Stochastic Nonlinear Systems With Markovian Switching. <i>IEEE Transactions on Automatic Control</i> , <b>2010</b> , 55, 2135-2141	5.9	142
36	Robust H <sub>∞</sub> Control for a class of uncertain mechanical systems. <i>International Journal of Control</i> , <b>2010</b> , 83, 1303-1324	1.5	37
35	Robust Adaptive Sliding-Mode Control for Fuzzy Systems With Mismatched Uncertainties. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2010</b> , 18, 700-711	8.3	238
34	H <sub>∞</sub> -Filter Design for a Class of Networked Control Systems Via T <sub>B</sub> Fuzzy-Model Approach. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2010</b> , 18, 201-208	8.3	139
33	Approximate finite-dimensional filtering for polynomial states over polynomial observations. <i>International Journal of Control</i> , <b>2010</b> , 83, 724-730	1.5	18
32	State Estimation and Sliding-Mode Control of Markovian Jump Singular Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2010</b> , 55, 1213-1219	5.9	469
31	Robust Sampled-Data H <sub>∞</sub> Control for Vehicle Active Suspension Systems. <i>IEEE Transactions on Control Systems Technology</i> , <b>2010</b> , 18, 238-245	4.8	268
30	Constrained Infinite-Horizon Model Predictive Control for Fuzzy-Discrete-Time Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2010</b> ,	8.3	32
29	Observer-based integrated robust fault estimation and accommodation design for discrete-time systems. <i>International Journal of Control</i> , <b>2010</b> , 83, 1167-1181	1.5	74
28	Fault tolerant control design via hybrid petri nets. <i>Asian Journal of Control</i> , <b>2010</b> , 12, 586-596	1.7	7
27	Less conservative criteria for fault accommodation of time-varying delay systems using adaptive fault diagnosis observer. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2010</b> , 24, 322-334	2.8	34
26	Robust exponential stability for discrete-time interval BAM neural networks with delays and Markovian jump parameters. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2010</b> , 24, 760-785	2.8	16
25	Delay-dependent robust H <sub>∞</sub> control for uncertain stochastic time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2010</b> , 20, 1852-1865	3.6	40
24	Adaptive variable structure state estimation for uncertain systems with persistently bounded disturbances. <i>International Journal of Robust and Nonlinear Control</i> , <b>2010</b> , 20, 2003-2015	3.6	15
23	H <sub>∞</sub> model reduction for discrete-time Markov jump linear systems with partially known transition probabilities. <i>International Journal of Control</i> , <b>2009</b> , 82, 343-351	1.5	44
22	Delay-dependent energy-to-peak filter design for stochastic systems with time delay: A delay partitioning approach <b>2009</b> ,		2
21	Neural-network-based finite-time H <sub>∞</sub> control for extended Markov jump nonlinear systems. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2009</b> , 24, n/a-n/a	2.8	3
20	Robust adaptive sliding mode control for uncertain delta operator systems. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2009</b> , 24, n/a-n/a	2.8	6

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17	H <sub>2</sub> output feedback control design for discrete-time fuzzy systems. <i>Optimal Control Applications and Methods</i> , <b>2009</b> , 30, 415-437	1.7	7
16	Exponential H <sub>2</sub> filtering for switched linear systems with interval time-varying delay. <i>International Journal of Robust and Nonlinear Control</i> , <b>2009</b> , 19, 532-551	3.6	119
15	Multi-Objective Robust H <sub>2</sub> Control of Spacecraft Rendezvous. <i>IEEE Transactions on Control Systems Technology</i> , <b>2009</b> , 17, 794-802	4.8	153
14	Adaptive Backstepping Controller Design for Stochastic Jump Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2009</b> , 54, 2853-2859	5.9	115
13	Stability, H <sub>2</sub> -Gain and Asynchronous H <sub>2</sub> Control of Discrete-Time Switched Systems With Average Dwell Time. <i>IEEE Transactions on Automatic Control</i> , <b>2009</b> , 54, 2192-2199	5.9	194
12	Dependent model reduction for uncertain discrete-time switched linear systems with average dwell time. <i>International Journal of Control</i> , <b>2009</b> , 82, 378-388	1.5	35
11	Parity space-based fault detection for Markovian jump systems. <i>International Journal of Systems Science</i> , <b>2009</b> , 40, 421-428	2.3	27
10	Representation of Uncertain Multichannel Digital Signal Spaces and Study of Pattern Recognition Based on Metrics and Difference Values on Fuzzy n-Cell Number Spaces. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2009</b> , 17, 421-439	8.3	21
9	H <sub>2</sub> -L <sub>1</sub> Model Reduction for Switched LPV Systems With Average Dwell Time. <i>IEEE Transactions on Automatic Control</i> , <b>2008</b> , 53, 2443-2448	5.9	164
8	High gain observer-based fault estimation for nonlinear networked control systems <b>2008</b> ,		2
7	Robust H <sub>2</sub> Control for Class of Discrete-Time Markovian Jump Systems with Time-Varying Delays Based on Delta Operator. <i>Circuits, Systems, and Signal Processing</i> , <b>2008</b> , 27, 627-643	2.2	15
6	New lower matrix bounds for the solution of the continuous algebraic lyapunov equation. <i>Asian Journal of Control</i> , <b>2008</b> , 10, 449-455	1.7	6
5	Event-based finite-time H <sub>2</sub> filtering of discrete-time singular jump network systems. <i>International Journal of Robust and Nonlinear Control</i> ,	3.6	1
4	Adaptive-triggered asynchronous control for stochastic jumping systems under sliding mode. <i>International Journal of Control</i> , 1-10	1.5	1
3	Optimal robust formation control for heterogeneous multi-agent systems based on reinforcement learning. <i>International Journal of Robust and Nonlinear Control</i> ,	3.6	5
2	Weighted differential evolution-based heuristic computing for identification of Hammerstein systems in electrically stimulated muscle modeling. <i>Soft Computing</i> , 1	3.5	2

- 1 Neural-based formation control of uncertain multi-agent systems with actuator saturation.  
*Nonlinear Dynamics*,1

5