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Adaptive Neural Control of Uncertain Nonstrict-Feedback Stochastic Nonlinear Systems with Output Constraint and Unknown Dead Zone

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#	Paper	IF	Citations
197	Adaptive Fuzzy Control of Stochastic Nonstrict-Feedback Nonlinear Systems With Input Saturation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 2185-2197	7.3	159
196	Robust H _∞ Filtering for Markov jump systems with mode-dependent quantized output and partly unknown transition probabilities. 2017 , 137, 328-338		52
195	Observer-based state estimation of discrete-time nonlinear systems via a novel maximum-priority-based fuzzy observer. 2017 , 137, 63-68		7
194	Asymptotic Fuzzy Neural Network Control for Pure-Feedback Stochastic Systems Based on a Semi-Nussbaum Function Technique. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 2448-2459	10.2	18
193	Network-Based Filtering for Stochastic Markovian Jump Systems with Application to PWM-Driven Boost Converter. <i>Circuits, Systems, and Signal Processing</i> , 2017 , 36, 3071-3097	2.2	7
192	Approximation-Based Adaptive Neural Tracking Control of Nonlinear MIMO Unknown Time-Varying Delay Systems With Full State Constraints. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3100-3109	10.2	97
191	Dissipativity-based state estimation of delayed static neural networks. 2017 , 247, 137-143		22
190	A Neural Network-Based Dynamic Cost Function for the Implementation of a Predictive Current Controller. 2017 , 13, 2946-2955		39
189	Autonomous Switched Control of Load Shifting Robot Manipulators. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 7161-7170	8.9	11
188	Second-Order Dynamic Sliding-Mode Control for Nonminimum Phase Underactuated Hypersonic Vehicles. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 3105-3112	8.9	55
187	Optimal LQ tracking control for continuous-time systems with pointwise time-varying input delay. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 2243-2252	2.9	4
186	Adaptive neural tracking control for nonstrict-feedback stochastic nonlinear time-delay systems with full-state constraints. <i>International Journal of Systems Science</i> , 2017 , 48, 3018-3031	2.3	9
185	Adaptive Neural Network Control of a Robotic Manipulator With Time-Varying Output Constraints. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3136-3147	10.2	159
184	Stability Analysis of Genetic Regulatory Networks With Switching Parameters and Time Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 3047-3058	10.3	31
183	Fuzzy-Model-Based Sampled-Data Control of Chaotic Systems: A Fuzzy Time-Dependent Lyapunov-Krasovskii Functional Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 25, 1672-1684	8.3	78
182	Neural Network Controller Design for an Uncertain Robot With Time-Varying Output Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 2060-2068	7.3	91
181	Observer-based adaptive fuzzy tracking control of nonlinear systems with time delay and input saturation. <i>Fuzzy Sets and Systems</i> , 2017 , 316, 49-68	3.7	105

180	Adaptive fuzzy control for nonstrict-feedback stochastic nonlinear systems with full-state constraints and unknown dead zone. 2017 ,		
179	Adaptive output feedback tracking control for switched non-strict-feedback non-linear systems with unknown control direction and asymmetric saturation actuators. <i>IET Control Theory and Applications</i> , 2017 , 11, 2539-2548	2.5	15
178	Adaptive Neural Network Control for Nonlinear Hydraulic Servo-System with Time-Varying State Constraints. <i>Complexity</i> , 2017 , 2017, 1-11	1.6	10
177	Robust exponential stability of uncertain stochastic systems with probabilistic time-varying delays. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 3273-3291	3.6	11
176	Adaptive Neural Consensus Tracking for Nonlinear Multiagent Systems Using Finite-Time Command Filtered Backstepping. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2003-2012	7.3	86
175	Adaptive tracking control for nonlinear time-varying delay systems with full state constraints and unknown control coefficients. <i>Automatica</i> , 2018 , 93, 444-453	5.7	63
174	Adaptive Fuzzy Output Feedback Control for a Class of Nonlinear Systems With Full State Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 2607-2617	8.3	166
173	Prescribed Performance Observer-Based Adaptive Fuzzy Control for Nonstrict-Feedback Stochastic Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1747-1758	7.3	159
172	Observer-Based Composite Adaptive Fuzzy Control for Nonstrict-Feedback Systems With Actuator Failures. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 2336-2347	8.3	124
171	. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 2719-2731	8.3	52
170	Unifying adaptive control with the nonlinear PI methodology: Designs for unknown strict-feedback nonlinear systems with nonsmooth actuator nonlinearities. <i>International Journal of Adaptive Control and Signal Processing</i> , 2018 , 32, 362-377	2.8	1
169	Delay-Dependent Fault-Tolerant Shape Control for Stochastic Distribution Systems. <i>IEEE Access</i> , 2018 , 6, 12727-12735	3.5	1
168	Neural-Network-Based Adaptive Decentralized Fault-Tolerant Control for a Class of Interconnected Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 144-155	10.3	133
167	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1781-1793	7.3	88
166	Adaptive Fuzzy Bounded Control for Consensus of Multiple Strict-Feedback Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 522-531	10.2	74
165	A new modifier adaptation methodology for real-time optimization. <i>Transactions of the Institute of Measurement and Control</i> , 2018 , 40, 1320-1327	1.8	1
164	Adaptive Fuzzy Neural Network Control for a Constrained Robot Using Impedance Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1174-1186	10.3	382
163	Adaptive Neural Tracking Control for an Uncertain State Constrained Robotic Manipulator With Unknown Time-Varying Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2219-2228	7.3	69

162	Fuzzy Adaptive Control Design Strategy of Nonlinear Switched Large-Scale Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2209-2218	7.3	71
161	Distributed Filtering for Discrete-Time TS Fuzzy Systems With Incomplete Measurements. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 1459-1471	8.3	55
160	Approximation-Based Adaptive Tracking Control for Switched Stochastic Strict-Feedback Nonlinear Time-Delay Systems With Sector-Bounded Quantization Input. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2145-2157	7.3	32
159	Adaptive Fuzzy Tracking Control Based Barrier Functions of Uncertain Nonlinear MIMO Systems With Full-State Constraints and Applications to Chemical Process. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 2145-2159	8.3	36
158	A Comparative Analysis of Pi and Anfis Pi Based Current Control Technique for Three Phase Grid Connected Solar PV System. 2018 ,		0
157	Differential neural networks observer for second order systems with sampled and quantized output. 2018 , 51, 490-495		5
156	Optimal Tracking Control and Stabilization for Stochastic Systems with Multi-Step Input Delay. 2018 ,		2
155	Adaptive Neural Network Control of Uncertain Strict-Feedback Systems with Full-State Constrains by Integral-Barrier Lyapunov Functions. 2018 ,		1
154	Adaptive Fuzzy Prescribed Performance Control for MIMO Stochastic Nonlinear Systems. <i>IEEE Access</i> , 2018 , 6, 76754-76767	3.5	4
153	Robust control for an unmanned helicopter with constrained flapping dynamics. 2018 , 31, 2136-2148		6
152	Event-triggered cooperative learning from output feedback control for multi-agent systems. 2018 , 322, 70-79		4
151	Nussbaum gain adaptive backstepping control of nonlinear strict-feedback systems with unmodeled dynamics and unknown dead zone. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 5326-5343	3.6	50
150	Observer-based adaptive fuzzy control of a class of MIMO non-strict feedback nonlinear systems. <i>Journal of the Franklin Institute</i> , 2018 , 355, 4873-4896	4	12
149	Stability of Hybrid Impulsive and Switching Stochastic Systems with Time-delay. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 1532-1540	2.9	6
148	Adaptive neural output-feedback control for nonstrict-feedback time-delay fractional-order systems with output constraints and actuator nonlinearities. 2018 , 105, 256-276		36
147	Sequential Outlier Criterion for Sparsification of Online Adaptive Filtering. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5277-5291	10.3	4
146	Adaptive Neural Networks Control Using Barrier Lyapunov Functions for DC Motor System with Time-Varying State Constraints. <i>Complexity</i> , 2018 , 2018, 1-9	1.6	13
145	Adaptive Multi-Dimensional Taylor Network Tracking Control for a Class of Stochastic Nonlinear Systems With Unknown Input Dead-Zone. <i>IEEE Access</i> , 2018 , 6, 34543-34554	3.5	10

144	Observer-based fuzzy adaptive optimal stabilization control for completely unknown nonlinear interconnected systems. 2018 , 313, 415-425		8
143	Fuzzy logic control of an uncertain manipulator with full-state constraints. 2018 ,		0
142	Adaptive Neural Control of Pure-Feedback Nonlinear Systems With Event-Triggered Communications. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 6242-6251	10.3	56
141	Partial State Constraints-Based Control for Nonlinear Systems With Backlash-Like Hysteresis. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 1-5	7.3	51
140	Adaptive fuzzy control for a marine vessel with time-varying constraints. <i>IET Control Theory and Applications</i> , 2018 , 12, 1448-1455	2.5	21
139	Robust Stabilization of Delayed Neural Networks: Dissipativity-Learning Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 913-922	10.3	23
138	Finite-Time Adaptive Fuzzy Control for Nonlinear Systems With Full State Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1541-1548	7.3	140
137	Adaptive Reinforcement Learning Control Based on Neural Approximation for Nonlinear Discrete-Time Systems With Unknown Nonaffine Dead-Zone Input. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 295-305	10.3	46
136	Adaptive Distributed Consensus Control of One-Sided Lipschitz Nonlinear Multiagents. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 568-578	7.3	45
135	Variable-structure backstepping controller for multivariable nonlinear systems with actuator nonlinearities based on adaptive fuzzy system. 2019 , 23, 12277-12293		11
134	Fixed-time adaptive neural tracking control for a class of uncertain nonstrict nonlinear systems. 2019 , 363, 273-280		48
133	Output-Feedback Adaptive Control of Nonlinear Systems With Input-Output-Dependent Lower-Triangular Growth Rate: A Logic-Based Switching Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-10	7.3	1
132	Stability and control of uncertain ICPT system considering time-varying delay and stochastic disturbance. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 6582-6604	3.6	6
131	Tracking Control of Constrained Robotic Systems Under Uncertain Initial Conditions. 2019 ,		
130	Broad Fuzzy Neural Control Using Impedance Learning. 2019 ,		2
129	Neural Adaptive Event-Triggered Control for Nonlinear Uncertain Stochastic Systems With Unknown Hysteresis. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 3300-3312	10.3	62
128	Adaptive neural-based control for non-strict feedback systems with full-state constraints and unmodeled dynamics. <i>Nonlinear Dynamics</i> , 2019 , 97, 715-732	5	8
127	Adaptive Fuzzy Control for Nonlinear State Constrained Systems With Input Delay and Unknown Control Coefficients. <i>IEEE Access</i> , 2019 , 7, 53718-53730	3.5	8

126	Adaptive output-feedback finite-time stabilisation of stochastic non-linear systems with application to a two-stage chemical reactor. <i>IET Control Theory and Applications</i> , 2019 , 13, 534-542	2.5	7
125	Neural Network-Based Cooperative Identification for a Class of Unknown Nonlinear Systems via Event-Triggered Communication. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-10	7.3	0
124	Fuzzy unknown observer-based robust adaptive path following control of underactuated surface vehicles subject to multiple unknowns. 2019 , 176, 57-64		69
123	Adaptive Fuzzy Control for Coordinated Multiple Robots With Constraint Using Impedance Learning. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 3052-3063	10.2	128
122	Observer-based finite-time fuzzy adaptive control for MIMO non-strict feedback nonlinear systems with errors constraint. 2019 , 341, 135-148		15
121	Sampled-data output feedback stabilization for a class of switched stochastic nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 2844-2861	3.6	12
120	Neural Network-Based Adaptive Finite-Time Consensus Tracking Control for Multiple Autonomous Underwater Vehicles. <i>IEEE Access</i> , 2019 , 7, 33064-33074	3.5	15
119	Event-triggered neural adaptive failure compensation control for stochastic systems with dead-zone output. <i>Nonlinear Dynamics</i> , 2019 , 96, 2179-2196	5	13
118	Adaptive NN Control Without Feasibility Conditions for Nonlinear State Constrained Stochastic Systems With Unknown Time Delays. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 4485-4494	10.2	48
117	Adaptive Vehicle Stability Control of Half-Car Active Suspension Systems With Partial Performance Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-11	7.3	3
116	Asymmetric Bounded Neural Control for an Uncertain Robot by State Feedback and Output Feedback. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-12	7.3	47
115	Neuro-adaptive tracking control of non-integer order systems with input nonlinearities and time-varying output constraints. <i>Information Sciences</i> , 2019 , 485, 170-199	7.7	30
114	Mean Square Leader-Following Consensus of Second-Order Nonlinear Multiagent Systems With Noises and Unmodeled Dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2478-2486	7.3	67
113	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1386-1398	7.3	65
112	Adaptive Fuzzy Control for Nontriangular Structural Stochastic Switched Nonlinear Systems With Full State Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 1587-1601	8.3	232
111	Adaptive fuzzy control of MIMO nonstrict-feedback nonlinear systems with fuzzy dead zones and time delays. <i>Nonlinear Dynamics</i> , 2019 , 95, 1565-1583	5	8
110	Decentralized robust adaptive neural dynamic surface control for multi-machine excitation systems with static var compensator. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019 , 33, 92-113	2.8	10
109	Neural Network Controller Design for a Class of Nonlinear Delayed Systems With Time-Varying Full-State Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2625-2636	10.3	104

108	Observer-based adaptive consensus tracking control for nonlinear multi-agent systems with actuator hysteresis. <i>Nonlinear Dynamics</i> , 2019 , 95, 2181-2195	5	11
107	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2511-2518	7.3	22
106	An Increased Nonlinear Coupling Motion Controller for Underactuated Multi-TORA Systems: Theoretical Design and Hardware Experimentation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1186-1193	7.3	17
105	Fuzzy Adaptive Distributed Event-Triggered Consensus Control of Uncertain Nonlinear Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1777-1786	7.3	66
104	Decentralized Adaptive Neural Approximated Inverse Control for a Class of Large-Scale Nonlinear Hysteretic Systems With Time Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2424-2437	7.3	83
103	Model predictive control with feedback correction for optimal energy dispatch of a networked microgrid. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 1540-1552	1.8	3
102	Consensus Tracking Control for Distributed Nonlinear Multiagent Systems via Adaptive Neural Backstepping Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2436-2444	7.3	27
101	Optimal Setting and Control for Iron Removal Process Based on Adaptive Neural Network Soft-Sensor. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2408-2420	7.3	3
100	Event-Triggered Adaptive Control of Saturated Nonlinear Systems With Time-Varying Partial State Constraints. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1485-1497	10.2	82
99	Finite-Time Adaptive Fuzzy Decentralized Control for Nonstrict-Feedback Nonlinear Systems With Output-Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 5271-5284	7.3	23
98	Adaptive Fuzzy Quantized Control for Nonlinear Systems With Hysteretic Actuator Using a New Filter-Connected Quantizer. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 876-889	10.2	14
97	Adaptive Fuzzy Tracking Control for a Class of Nonstrict-Feedback Stochastic Nonlinear Systems With Actuator Faults. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3456-3469	7.3	6
96	Neural-Network-Based Adaptive Funnel Control for Servo Mechanisms With Unknown Dead-Zone. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1383-1394	10.2	64
95	Robust Tube-Based Model Predictive Control for Lane Change Maneuver of Tractor-Trailer Vehicles Based on a Polynomial Trajectory. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 5180-5188	7.3	20
94	Finite-time fault-tolerant trajectory tracking control of an autonomous surface vehicle. <i>Journal of the Franklin Institute</i> , 2020 , 357, 11114-11135	4	27
93	Neural Network-Based Distributed Cooperative Learning Control for Multiagent Systems via Event-Triggered Communication. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 407-419	10.3	20
92	Adaptive Neural Network Learning Controller Design for a Class of Nonlinear Systems With Time-Varying State Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 66-75	10.3	59
91	RBFINN-Based Identification and Compensation Mechanism for Disturbance-Like Parametric Friction with Application to Tractor-Trailer Vehicles. <i>Asian Journal of Control</i> , 2020 , 22, 398-410	1.7	3

90	Adaptive fuzzy dynamic surface sliding mode control of large-scale power systems with prescribe output tracking performance. <i>ISA Transactions</i> , 2020 , 99, 305-321	5.5	17
89	. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 7879-7888	8.9	32
88	Observed-based adaptive finite-time tracking control for a class of nonstrict-feedback nonlinear systems with input saturation. <i>Journal of the Franklin Institute</i> , 2020 , 357, 11518-11544	4	91
87	. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 3184-3190	5.9	2
86	Fuzzy Approximation-Based Adaptive Control of Nonlinear Uncertain State Constrained Systems With Time-Varying Delays. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 1620-1630	8.3	29
85	Fixed-time adaptive neural network control for nonstrict-feedback nonlinear systems with deadzone and output constraint. <i>ISA Transactions</i> , 2020 , 97, 458-473	5.5	35
84	Filtering adaptive tracking controller for multivariable nonlinear systems subject to constraints using online optimization method. <i>Automatica</i> , 2020 , 113, 108689	5.7	10
83	Adaptive Neural Network Control Scheme of Switched Systems with Input Saturation. <i>Discrete Dynamics in Nature and Society</i> , 2020 , 2020, 1-12	1.1	
82	Event-triggered adaptive fuzzy tracking control for stochastic nonlinear systems. <i>Journal of the Franklin Institute</i> , 2020 , 357, 9505-9522	4	16
81	Adaptive Fuzzy Finite-Time Tracking Control of Stochastic High-Order Nonlinear Systems With A Class of Prescribed Performance. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	9
80	Adaptive Fuzzy Fast Finite-Time Tracking Control for Nonlinear Systems in Pure-Feedback Form with Unknown Disturbance. <i>Complexity</i> , 2020 , 2020, 1-11	1.6	1
79	Adaptive Fuzzy Dynamic Surface Control for Multi-Machine Power System Based on Composite Learning Method and Disturbance Observer. <i>IEEE Access</i> , 2020 , 8, 163163-163175	3.5	5
78	Adaptive fuzzy PI output feedback bounded control for a class of switched nonlinear systems with input constraint. <i>International Journal of Systems Science</i> , 2020 , 51, 3503-3522	2.3	2
77	Finite-Time Command Filtered Event-Triggered Adaptive Fuzzy Tracking Control for Stochastic Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	67
76	Filtered adaptive constrained sampled-data output feedback control for uncertain multivariable nonlinear systems. <i>International Journal of Control</i> , 2020 , 1-18	1.5	0
75	RBFNN based terminal sliding mode adaptive control for electric ground vehicles after tire blowout on expressway. <i>Applied Soft Computing Journal</i> , 2020 , 92, 106304	7.5	11
74	Adaptive Fuzzy Finite-Time Tracking Control for Nonstrict Full States Constrained Nonlinear System With Coupled Dead-Zone Input. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	6
73	Adaptive fuzzy control for non-strict feedback nonlinear systems with input delay and full state constraints. <i>Journal of the Franklin Institute</i> , 2020 , 357, 6858-6881	4	5

72	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> , 2020 , 1-16	7.3	19
71	Neural Networks Based Learning Control for a Piezoelectric Nanopositioning System. <i>IEEE/ASME Transactions on Mechatronics</i> , 2020 , 25, 2904-2914	5.5	8
70	Filtered adaptive constrained sampled-data control for uncertain multivariable nonlinear systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020 , 34, 1162-1181	2.8	0
69	Decentralized filtering adaptive constrained tracking control for interconnected nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 4652-4675	3.6	0
68	Fuzzy Logic Control of an Uncertain Manipulator With Full-State Constraints and Disturbance Observer. <i>IEEE Access</i> , 2020 , 8, 24284-24295	3.5	6
67	Integral Barrier Lyapunov function-based adaptive control for switched nonlinear systems. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	181
66	Adaptive inverse backlash boundary vibration control design for an EulerBernoulli beam system. <i>Journal of the Franklin Institute</i> , 2020 , 357, 3434-3450	4	5
65	NN Reinforcement Learning Adaptive Control for a Class of Nonstrict-Feedback Discrete-Time Systems. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4573-4584	10.2	108
64	. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 3161-3170	8.3	113
63	Adaptive tracking control of a class of nonlinear systems with unknown dead-zone output: a multi-dimensional Taylor network (MTN)-based approach. <i>International Journal of Control</i> , 2020 , 1-10	1.5	5
62	Finite-Time Tracking Control for Nonlinear Systems via Adaptive Neural Output Feedback and Command Filtered Backstepping. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 1474-1485	10.3	22
61	Observer-Based Finite-Time Adaptive Fuzzy Control for Nontriangular Nonlinear Systems With Full-State Constraints. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1110-1120	10.2	61
60	Event-Triggered Adaptive Fuzzy Tracking Control for Pure-Feedback Stochastic Nonlinear Systems With Multiple Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 1496-1506	8.3	20
59	Adaptive Finite-Time Stabilization of Stochastic Nonlinear Systems Subject to Full-State Constraints and Input Saturation. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1306-1313	5.9	53
58	Stabilization of Networked Control Systems With Hybrid-Driven Mechanism and Probabilistic Cyber Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 943-953	7.3	54
57	Adaptive Neural Discrete-Time Fractional-Order Control for a UAV System With Prescribed Performance Using Disturbance Observer. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 742-754	7.3	14
56	Command Filtered Backstepping-Based Attitude Containment Control for Spacecraft Formation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 1278-1287	7.3	40
55	Robust Adaptive Control for State-Constrained Nonlinear Systems With Input Saturation and Unknown Control Direction. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 1192-1202	7.3	29

54	Adaptive NN Cross Backstepping Control for Nonlinear Systems With Partial Time-Varying State Constraints and Its Applications to Hyper-Chaotic Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2821-2832	7.3	2
53	Cooperative Control of Multiple High-Order Agents With Nonidentical Unknown Control Directions Under Fixed and Time-Varying Topologies. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2582-2591	7.3	8
52	Robust Neurooptimal Control for a Robot via Adaptive Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 2584-2594	10.3	8
51	Finite-time adaptive neural control for nonstrict-feedback stochastic nonlinear systems with input delay and output constraints. <i>Applied Mathematics and Computation</i> , 2021 , 393, 125756	2.7	7
50	Neuro-learning-based adaptive control for state-constrained strict-feedback systems with unknown control direction. <i>ISA Transactions</i> , 2021 , 112, 12-22	5.5	5
49	Fuzzy Observer Constraint Based on Adaptive Control for Uncertain Nonlinear MIMO Systems With Time-Varying State Constraints. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1380-1389	10.2	20
48	Adaptive Neural Network Control Design for Uncertain Nonstrict Feedback Nonlinear System With State Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3678-3686	7.3	5
47	Adaptive Neural Network-Based Finite-Time Online Optimal Tracking Control of the Nonlinear System With Dead Zone. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 382-392	10.2	35
46	Energy-to-Peak Output Tracking Control of Actuator Saturated Periodic Piecewise Time-Varying Systems With Nonlinear Perturbations. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13	7.3	6
45	Event-Based Adaptive Fixed-Time Fuzzy Control for Active Vehicle Suspension Systems with Time-Varying Displacement Constraint. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	33
44	Intelligent Motion Tracking Control of Vehicle Suspension Systems With Constraints via Neural Performance Analysis. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-8	6.1	0
43	Adaptive Fuzzy control for non-strict-feedback stochastic uncertain non-linear systems based on event-triggered strategy. <i>IET Control Theory and Applications</i> , 2021 , 15, 1018-1027	2.5	4
42	Neural network controller design for fractional-order systems with input nonlinearities and asymmetric time-varying Pseudo-state constraints. <i>Chaos, Solitons and Fractals</i> , 2021 , 144, 110742	9.3	8
41	Adaptive finite-time consensus tracking control for nonlinear multiagent systems in nonstrict feedback form with full-state constraints. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021 , 35, 1417-1436	2.8	1
40	Adaptive Safety Motion Control for Underactuated Hovercraft Using Improved Integral Barrier Lyapunov Function. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 2784-2796	2.9	0
39	Adaptive neural network asymptotic tracking control for a class of stochastic nonlinear systems with unknown control gains and full state constraints. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021 , 35, 2007	2.8	16
38	Fuzzy adaptive event-triggered control for a class of nonlinear systems with time-varying full state constraints. <i>Information Sciences</i> , 2021 , 563, 111-129	7.7	2
37	Adaptive neural event-triggered control for nonlinear uncertain system with input constraint based on auxiliary system. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 7528-7545	3.6	0

36	Event-triggered based adaptive neural network control of a robotic manipulator with output constraints and disturbance. <i>International Journal of Systems Science</i> , 2021 , 52, 2415-2426	2.3	2
35	Finite-Time Stabilization of Multi-rate Networked Control System Based on Predictive Control. <i>Circuits, Systems, and Signal Processing</i> , 1	2.2	2
34	Command filter-based adaptive fuzzy decentralized control for large-scale nonlinear systems. <i>Nonlinear Dynamics</i> , 2021 , 105, 3239-3253	5	0
33	Global output feedback stabilization control for non-strict feedback nonlinear systems. <i>European Journal of Control</i> , 2021 , 63, 126-126	2.5	0
32	Finite-Time Tracking Control for a Class of MIMO Nonstrict-Feedback Nonlinear Systems Via Adaptive Fuzzy Method. <i>International Journal of Fuzzy Systems</i> , 1	3.6	0
31	Finite-time adaptive tracking control for a class of nonstrict feedback nonlinear systems with full state constraints. <i>International Journal of Robust and Nonlinear Control</i> ,	3.6	8
30	Sampled-data resilient H _∞ control for networked stochastic systems subject to multiple attacks. <i>Applied Mathematics and Computation</i> , 2021 , 405, 126265	2.7	2
29	Adaptive neural networks control for MIMO nonlinear systems with unmeasured states and unmodeled dynamics. <i>Applied Mathematics and Computation</i> , 2021 , 408, 126369	2.7	2
28	HOSM controller design with an output constraint and its application. <i>ISA Transactions</i> , 2021 , 116, 71-80	5.5	0
27	Adaptive Dynamic Surface Control for a Class of Dead-Zone Nonlinear Systems via Output Feedback. <i>IEEE Access</i> , 2021 , 9, 109335-109343	3.5	0
26	. <i>IEEE Systems Journal</i> , 2021 , 1-11	4.3	2
25	Adaptive Fuzzy Output-Constrained Control for Nonlinear Stochastic Systems With Input Delay and Unknown Control Coefficients. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 5279-5290	10.2	10
24	Adaptive Leader-Follower Formation Control of Underactuated Surface Vehicles With Guaranteed Performance. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-12	7.3	9
23	Neural Approximation-Based Adaptive Control for Pure-Feedback Fractional-Order Systems With Output Constraints and Actuator Nonlinearities. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2018 , 468-495	0.3	2
22	Preassigned Finite-Time Control of High-Order Nonlinear Systems with Time-Varying Powers and Full-State Constraints. 2021 ,		
21	Adaptive Neural Network Control of Nonlinear MIMO Systems with Unmeasured States and Unknown Control Coefficients. 2021 ,		0
20	Adaptive neural asymptotic control for uncertain nonlinear multiagent systems with a fuzzy dead zone constraint. <i>Fuzzy Sets and Systems</i> , 2020 ,	3.7	0
19	Consensus Tracking for High-Order Uncertain Nonlinear MASs via Adaptive Backstepping Approach. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	0

18	Finite-time fuzzy dynamic surface control for permanent magnet synchronous motor stochastic systems with input constraint and load disturbance. <i>Transactions of the Institute of Measurement and Control</i> , 014233122110655	1.8	1
17	Fractional-order deployment control of space tethered satellite via adaptive super-twisting sliding mode. <i>Aerospace Science and Technology</i> , 2022 , 121, 107390	4.9	2
16	Event-Triggered, Adaptive, Exponentially Asymptotic Tracking Control of Stochastic Nonlinear Systems. <i>Symmetry</i> , 2022 , 14, 451	2.7	0
15	Adaptive Fuzzy Control for Active Suspension Systems with Time-Varying Displacement and Speed Constraints. 2021 ,		
14	Robust neural network-based backstepping landing control of quadrotor on moving platform with stochastic noise. <i>International Journal of Robust and Nonlinear Control</i> , 2022 , 32, 2007-2026	3.6	1
13	Partial-state Feedback Adaptive Stabilization for a Class of Output-constrained Nonlinear Cascaded Systems. <i>Journal of the Franklin Institute</i> , 2022 , 359, 5412-5412	4	
12	Adaptive control-based barrier Lyapunov functions for strict-feedback stochastic nonlinear systems with input saturation and dead zone. <i>International Journal of Systems Science</i> , 1-12	2.3	
11	Adaptive Control for Uncertain Nonlinear Systems With Dynamic Full State Constraints: The SMDO Approach. 2022 , 1-13		0
10	Event-Triggered Adaptive Output Feedback Control for Stochastic Nonlinear Systems with Time-Varying Full-State Constraints. 2022 , 1-1		1
9	Adaptive neural network observer control for a class of nonlinear strict-feedback systems with unmeasurable states. 1-10		0
8	Adaptive NN Tracking Control for Periodically Time-varying Nonlinear Switching Systems. 2022 , 20, 4037-4049		0
7	Finite-time fuzzy command filter control for permanent magnet synchronous motor stochastic systems with iron losses.		0
6	Adaptive Neural Network Fixed-Time Control for Robotic Manipulators with Input Quantization. 2022 ,		0
5	Adaptive Multi-dimensional Taylor Network Control for Stochastic Nonlinear Systems with Full State Constraints and Dead-zone Input. 2022 ,		0
4	Dynamic event-triggered adaptive fuzzy control for stochastic nontriangular nonlinear systems with unknown backlash-like hysteresis. 1-13		0
3	BLF-based neural dynamic surface control for stochastic nonlinear systems with time delays and full-state constraints. 1-17		0
2	Event-triggered adaptive fault-tolerant bounded control for a class of non-strict feedback nonlinear systems with input quantization. 2023 ,		0
1	Adaptive neural network observer-based filtered backstepping control for nonlinear systems with fuzzy dead-zone and uncertainty.		0

