

CITATION REPORT

List of articles citing

Adaptive Fuzzy Control for Nonstrict-Feedback Systems With Input Saturation and Output Constraint

DOI: 10.1109/tsmc.2016.2557222

IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1-12.

Source: <https://exaly.com/paper-pdf/65861924/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
322	Distributed mirror descent method for saddle point problems over directed graphs. 2016 , 21, 178-190		2
321	Time-varying group formation analysis and design for second-order multi-agent systems with directed topologies. 2016 , 205, 367-374		27
320	Fuzzy predictive temperature control for a class of metallurgy lime kiln models. 2016 , 21, 249-258		6
319	Impulse variance control for spacecraft autonomous rendezvous with an observer-based approach. 2016 , dnrw035		1
318	Robust reliable L2 \mathcal{H}_∞ control for continuous-time systems with nonlinear actuator failures. 2016 , 21, 309-319		8
317	. 2016 , 24, 1259-1269		104
316	Tracking control of a marine surface vessel with full-state constraints. 2017 , 48, 535-546		52
315	Adaptive Neural Control of Stochastic Nonlinear Time-Delay Systems With Multiple Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1875-1883	7.3	93
314	Command-Filtered-Based Fuzzy Adaptive Control Design for MIMO-Switched Nonstrict-Feedback Nonlinear Systems. 2017 , 25, 668-681		163
313	Neural Network Control of a Flexible Robotic Manipulator Using the Lumped Spring-Mass Model. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1863-1874	7.3	180
312	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
311	Adaptive Fuzzy Control for Nonstrict Feedback Systems With Unmodeled Dynamics and Fuzzy Dead Zone via Output Feedback. 2017 , 47, 2400-2412		109
310	Adaptive Fuzzy Control for Nonlinear Networked Control Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 2420-2430	7.3	110
309	Robust Composite Adaptive Fuzzy Identification Control of Uncertain MIMO Nonlinear Systems in the Presence of Input Saturation. 2017 , 42, 5045-5058		9
308	Asymptotic Fuzzy Neural Network Control for Pure-Feedback Stochastic Systems Based on a Semi-Nussbaum Function Technique. 2017 , 47, 2448-2459		18
307	Approximation-Based Adaptive Neural Tracking Control of Nonlinear MIMO Unknown Time-Varying Delay Systems With Full State Constraints. 2017 , 47, 3100-3109		97
306	Stability and asynchronous stabilization for a class of discrete-time switched nonlinear systems with stable and unstable subsystems. 2017 , 15, 986-994		9

305	Finite-Time Control of Teleoperation Systems With Input Saturation and Varying Time Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1522-1534	7-3	43
304	Adaptive neural control of switched nonstrict-feedback nonlinear systems with multiple time-varying delays. 2017 , 354, 8180-8199		9
303	Adaptive neural tracking control for nonstrict-feedback stochastic nonlinear time-delay systems with full-state constraints. 2017 , 48, 3018-3031		9
302	Adaptive neural network tracking of a class of switched nonlinear systems with time-varying output constraints. 2017 , 15, 1425-1433		5
301	Observer-Based Adaptive Fault-Tolerant Tracking Control of Nonlinear Nonstrict-Feedback Systems. 2018 , 29, 3022-3033		70
300	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
299	State feedback synchronization control of coronary artery chaos system with interval time-varying delay. 2017 , 87, 1773-1783		16
298	Time-Varying Delay Compensation for a Class of Nonlinear Control Systems Over Network via H_{∞} Adaptive Fuzzy Controller. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 2114-2124	7-3	99
297	Adaptive Neural Networks Decentralized FTC Design for Nonstrict-Feedback Nonlinear Interconnected Large-Scale Systems Against Actuator Faults. 2017 , 28, 2541-2554		175
296	. 2017 , 25, 1090-1101		56
295	Global Asymptotic Output Feedback Stabilization for a Class of Stochastic High-Order Planar Systems. 2017 , 36, 2959-2970		0
294	Stability and Stabilization of Nonlinear Switched Systems Under Average Dwell Time. 2017 , 298, 77-94		48
293	A New Result on H_{∞} State Estimation of Delayed Static Neural Networks. 2017 , 28, 3096-3101		30
292	Adaptive Fuzzy Asymptotic Control of MIMO Systems With Unknown Input Coefficients Via a Robust Nussbaum Gain-Based Approach. 2017 , 25, 1252-1263		62
291	Adaptive Backstepping Control of Spacecraft Rendezvous and Proximity Operations With Input Saturation and Full-State Constraint. 2017 , 64, 480-492		113
290	Adaptive Fuzzy Control of Nonlinear Systems With Unmodeled Dynamics and Input Saturation Using Small-Gain Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1979-1989	7-3	214
289	Observer-based adaptive fuzzy dynamic surface control of non-linear non-strict feedback system. 2017 , 11, 3115-3121		17
288	Robust exponential stability of uncertain stochastic systems with probabilistic time-varying delays. 2018 , 28, 3273-3291		11

287	Nussbaum gain adaptive neural control for stochastic pure-feedback nonlinear time-delay systems with full-state constraints. 2018 , 292, 130-141	15
286	Backstepping-based zero-sum differential games for missile-target interception systems with input and output constraints. 2018 , 12, 243-253	16
285	Adaptive neural novel prescribed performance control for non-affine pure-feedback systems with input saturation. 2018 , 93, 1241-1259	22
284	Decentralized intelligent tracking control for uncertain high-order stochastic nonlinear strong interconnected systems in drift and diffusion terms. 2018 , 28, 2780-2805	1
283	Decentralized adaptive neural control for high-order interconnected stochastic nonlinear time-delay systems with unknown system dynamics. 2018 , 99, 123-133	13
282	Observer-Based Composite Adaptive Fuzzy Control for Nonstrict-Feedback Systems With Actuator Failures. 2018 , 26, 2336-2347	124
281	Adaptive Fuzzy Robust Fault-Tolerant Optimal Control for Nonlinear Large-Scale Systems. 2018 , 26, 2899-291468	
280	Decentralized adaptive neural control for interconnected stochastic nonlinear delay-time systems with asymmetric saturation actuators and output constraints. 2018 , 355, 54-80	18
279	Adaptive backstepping control for air-breathing hypersonic vehicles with input nonlinearities. 2018 , 73, 289-299	41
278	Robust approximation-based adaptive control of multiple state delayed nonlinear systems with unmodeled dynamics. 2018 , 28, 3303-3323	6
277	Adaptive neural network-based visual servoing control for manipulator with unknown output nonlinearities. 2018 , 451-452, 16-33	15
276	Asymptotic tracking control of strict-feedback non-linear systems with output constraints in the presence of input saturation. 2018 , 12, 778-785	4
275	Nonfragile Exponential Synchronization of Delayed Complex Dynamical Networks With Memory Sampled-Data Control. 2018 , 29, 118-128	156
274	Predictive control of aircraft control systems for maneuverable target. 2018 , 355, 9036-9052	
273	Adaptive Backstepping-Based Neural Tracking Control for MIMO Nonlinear Switched Systems Subject to Input Delays. 2018 , 29, 2638-2644	103
272	Tracking-Error-Based Universal Adaptive Fuzzy Control for Output Tracking of Nonlinear Systems with Completely Unknown Dynamics. 2018 , 26, 869-883	89
271	Adaptive neural control for nonstrict-feedback time-delay systems with input and output constraints. 2018 , 9, 1533-1540	3
270	Error-Constrained LOS Path Following of a Surface Vessel With Actuator Saturation and Faults. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1794-1805	73 120

269	Event-Triggered Fault Detection Filter Design for Nonlinear Networked Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1851-1862	7-3	154
268	Adaptive fuzzy dynamic surface control of nonlinear systems with input saturation and time-varying output constraints. 2018 , 100, 311-329		55
267	Decentralized adaptive neural control for high-order stochastic nonlinear strongly interconnected systems with unknown system dynamics. 2018 , 424, 137-158		16
266	Observer-Based Adaptive Fuzzy Control of Nonlinear Non-strict Feedback System with Input Delay. 2018 , 20, 236-245		17
265	Relaxed Control Design of Discrete-Time Takagi-Sugeno Fuzzy Systems: An Event-Triggered Real-Time Scheduling Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2251-2262	7-3	98
264	Dissipativity-Based Reliable Interval Type-2 Fuzzy Filter Design for Uncertain Nonlinear Systems. 2018 , 20, 390-402		24
263	A new BRB model for security-state assessment of cloud computing based on the impact of external and internal environments. 2018 , 73, 207-218		7
262	Filtering of TS Fuzzy Systems With Nonuniform Sampling. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2442-2450	7-3	23
261	Experimental Validation of a Multirobot Distributed Receding Horizon Motion Planning Approach. 2018 ,		
260	Adaptive Neural Network Control For Vehicle Active Suspension System with Unknown Dead-Zones. 2018 ,		
259	Adaptive Neural Network Control of Uncertain Strict-Feedback Systems with Full-State Constrains by Integral-Barrier Lyapunov Functions. 2018 ,		1
258	Adaptive Event-Triggered Control for Nonlinear Systems with Output Constraint. 2018 ,		1
257	Backstepping-based adaptive dynamic programming for missile-target guidance systems with state and input constraints. 2018 , 355, 8412-8440		13
256	Barrier Lyapunov function-based decentralized adaptive neural control for uncertain high-order stochastic nonlinear interconnected systems with output constraints. 2018 , 355, 8484-8509		14
255	Dissipativity-based non-fragile sampled-data control design of interval type-2 fuzzy systems subject to random delays. 2018 , 83, 154-164		29
254	Adaptive Neural Control with Prescribed Performance for Strict-Feedback Systems with Input Saturation*. 2018 ,		
253	Adaptive fuzzy FTC design of nonlinear stochastic systems with actuator faults and unmodeled dynamics. 2018 , 32, 1081-1101		10
252	Adaptive dynamic surface neural network control for nonstrict-feedback uncertain nonlinear systems with constraints. 2018 , 94, 165-184		15

251	Stability of Hybrid Impulsive and Switching Stochastic Systems with Time-delay. 2018 , 16, 1532-1540	6
250	Adaptive neural output-feedback control for nonstrict-feedback time-delay fractional-order systems with output constraints and actuator nonlinearities. 2018 , 105, 256-276	36
249	Modeling and neural network control of a flexible beam with unknown spatiotemporally varying disturbance using assumed mode method. 2018 , 314, 458-467	8
248	Direct adaptive neural network control for switched reluctance motors with input saturation. 2018 , 13, 1804-1814	4
247	Distributed neuro-adaptive control protocols for non-strict feedback non-linear MASs with input saturation. 2018 , 12, 1611-1620	25
246	Distributed zero-sum differential game for multi-agent systems in strict-feedback form with input saturation and output constraint. 2018 , 106, 8-19	21
245	Adaptive fuzzy synchronization for a class of uncertain chaotic systems having triangular structure based on high-gain observer. 2018 ,	
244	Fuzzy Adaptive Switching Control for an Uncertain Robot Manipulators with Time-Varying Output Constraint. 2018 , 2018, 1-10	2
243	Distributed Fuzzy Adaptive Backstepping Optimal Control for Nonlinear Multimissile Guidance Systems With Input Saturation. 2018 , 1-1	22
242	Design and Analysis for Uncertain Repetitive Control Systems With Unknown Disturbances. 2018 , 140,	6
241	Finite-time decentralized adaptive neural constrained control for interconnected nonlinear time-delay systems with dynamics couplings among subsystems. 2018 , 80, 54-64	2
240	Unified iterative learning control for flexible structures with input constraints. 2018 , 96, 326-336	210
239	Adaptive neural flight control for an aircraft with time-varying distributed delays. 2018 , 307, 130-145	10
238	Nonfragile \mathcal{H}_{∞} Control for Fuzzy Markovian Jump Systems Under Fast Sampling Singular Perturbation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2058-2069 ⁷⁻³	118
237	TB Fuzzy-Model-Based Output Feedback Tracking Control With Control Input Saturation. 2018 , 26, 3514-3523	31
236	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
235	Time-Varying Tan-Type Barrier Lyapunov Function-Based Adaptive Fuzzy Control for Switched Systems With Unknown Dead Zone. 2019 , 7, 110928-110935	19
234	Observer-based synergetic adaptive neural network control for a class of discrete-time nonlinear systems with dead-zone. 2019 , 50, 1826-1834	2

233	Adaptive Finite Time Path-Following Control of Underactuated Surface Vehicle With Collision Avoidance. 2019 , 141,	5
232	A neural composite dynamic surface control for pure-feedback systems with unknown control gain signs and full state constraints. 2019 , 29, 5720-5743	7
231	Finite-Time Adaptive Fuzzy Command Filtered Backstepping Control for a Class of Nonlinear Systems. 2019 , 21, 2575-2587	18
230	Nussbaum Gain Adaptive Control for Nonlinear Systems with State Constraints and Input Saturation. 2019 ,	0
229	Hybrid switching fuzzy control of solar power generation systems with asymmetric input constraint. 2019 , 21, 1869-1880	7
228	Study on TCP/AQM network congestion with adaptive neural network and barrier Lyapunov function. 2019 , 363, 27-34	10
227	Nonlinear Extended State Observer Based on Output Feedback Control for a Manipulator With Time-Varying Output Constraints and External Disturbance. 2019 , 7, 156860-156870	11
226	Approximation-Based Robust Adaptive Backstepping Prescribed Performance Control for a Huger Class of Nonlinear Systems. 2019 , 2019, 1-13	2
225	Adaptive Fuzzy Tracking Control of Stochastic Mechanical System with Input Saturation. 2019 , 21, 2600-2608	6
224	Adaptive Backstepping Control of a Class of Incommensurate Fractional Order Nonlinear MIMO Systems With Unknown Disturbance. 2019 , 7, 150949-150959	5
223	A synergetic strategy of automobile intelligent cruise system based on fuzzy control adopting hierarchical structure. 2019 , 16, 172988141987775	2
222	Trajectory tracking control for a CMG-based underwater vehicle with input saturation in 3D space. 2019 , 173, 587-598	8
221	Disturbance Observer-based Adaptive Fault-tolerant Dynamic Surface Control of Nonlinear System with Asymmetric Input Saturation. 2019 , 17, 617-629	6
220	Adaptive neural-based control for non-strict feedback systems with full-state constraints and unmodeled dynamics. 2019 , 97, 715-732	8
219	Adaptive fuzzy backstepping control of fractional-order chaotic systems with input saturation. 2019 , 37, 6513-6525	10
218	Time-varying Barrier Lyapunov Function Based Adaptive Neural Controller Design for Nonlinear Pure-feedback Systems with Unknown Hysteresis. 2019 , 17, 1642-1654	25
217	Backstepping-Based Adaptive Fuzzy Synchronization Control for a Class of Fractional-Order Chaotic Systems with Input Saturation. 2019 , 21, 1571-1584	35
216	Adaptive dynamic surface control using disturbance observer for nonlinear systems with input saturation and output constraints. 2019 , 50, 1784-1798	3

215	Adaptive backstepping control for strict-feedback non-linear systems with input delay and disturbances. 2019 , 13, 506-516		15
214	Fuzzy Adaptive DSC Design for an Extended Class of MIMO Pure-Feedback Non-Affine Nonlinear Systems in the Presence of Input Constraints. 2019 , 2019, 1-14		1
213	Novel quantized fuzzy adaptive design for nonlinear systems with sliding mode technique. 2019 , 96, 1635-1648		9
212	A novel two-loop large offset tracking control of an uncertain nonlinear system with input constraints. 2019 , 374, 82-99		3
211	Observer-Based Adaptive Fuzzy Decentralized Control of Uncertain Large-Scale Nonlinear Systems with Full State Constraints. 2019 , 21, 1085-1103		9
210	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
209	Switched adaptive control for a class of switched nontriangular nonlinear systems with vanishing control gains. 2019 , 29, 2603-2618		2
208	Neuro-adaptive tracking control of non-integer order systems with input nonlinearities and time-varying output constraints. 2019 , 485, 170-199		30
207	A comparison study of different control strategies for grid-connected three phase two-level power converters. 2019 , 21, 2049-2059		
206	Security Control of Networked TB Fuzzy System Under Intermittent DoS Jamming Attack with Event-Based Predictor. 2019 , 21, 700-714		11
205	Dynamic Scaling Adaptive Fuzzy Output Feedback Control of Nonstrict-Feedback Systems. 2019 ,		1
204	Distributed finite-time tracking control for multiple uncertain Euler-Lagrange systems with input saturations and error constraints. 2019 , 13, 123-133		11
203	Barrier Lyapunov Function Based Output Control and Extended State Observer for a Manipulator with Time-Varying Output Constraints and Uncertainties. 2019 ,		1
202	Robust Sliding Mode Control-Based Trajectory Tracking Control for an Underactuated Surface Vessel With Prescribed Performance. 2019 ,		0
201	Adaptive Fuzzy Control for a Constrained Robot in the Presence of Input Nonlinearity. 2019 ,		
200	Event-triggered-based Adaptive Output Feedback Control with Prescribed Performance for Strict-feedback Nonlinear Systems. 2019 ,		1
199	Adaptive Neural Network Control of a Class of Fractional Order Uncertain Nonlinear MIMO Systems with Input Constraints. 2019 , 2019, 1-15		3
198	Finite-Time Adaptive Fuzzy Output Feedback Dynamic Surface Control for MIMO Nonstrict Feedback Systems. 2019 , 27, 96-110		244

197	Prescribed performance-barrier Lyapunov function for the adaptive control of unknown pure-feedback systems with full-state constraints. 2019 , 95, 2443-2459		9
196	An optimal safety assessment model for complex systems considering correlation and redundancy. 2019 , 104, 38-56		17
195	Neural Network Controller Design for a Class of Nonlinear Delayed Systems With Time-Varying Full-State Constraints. 2019 , 30, 2625-2636		104
194	Improved prescribed performance control for nonaffine pure-feedback systems with input saturation. 2019 , 29, 1769-1788		20
193	Integrated Missile Guidance and Control: A Novel Explicit Reference Governor Using a Disturbance Observer. 2019 , 66, 5487-5496		12
192	Modeling and vibration control of aero two-blade propeller with input magnitude and rate saturations. 2019 , 84, 412-430		7
191	Adaptive neural network control of uncertain robotic manipulators with external disturbance and time-varying output constraints. 2019 , 323, 108-116		32
190	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2511-2518	7-3	22
189	Observer-Based Adaptive Consensus for a Class of Nonlinear Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1893-1900	7-3	45
188	Neural Networks-Based Adaptive Control for Nonlinear State Constrained Systems With Input Delay. 2019 , 49, 1249-1258		164
187	Observer-Based Adaptive Fuzzy Fault-Tolerant Optimal Control for SISO Nonlinear Systems. 2019 , 49, 649-661		168
186	Adaptive Fuzzy State/Output Feedback Control of Nonstrict-Feedback Systems: A Direct Compensation Approach. 2019 , 49, 2046-2059		6
185	Adaptive TS fuzzy control design for fractional-order systems with parametric uncertainty and input constraint. 2019 , 365, 22-39		43
184	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1027-1038	7-3	23
183	Error-Driven Nonlinear Feedback Design for Fuzzy Adaptive Dynamic Surface Control of Nonlinear Systems With Prescribed Tracking Performance. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 1013-1023	7-3	23
182	Modified Repetitive Control Design for Nonlinear Systems With Time Delay Based on TS Fuzzy Model. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 646-655	7-3	29
181	Event-Triggered Adaptive Control of Saturated Nonlinear Systems With Time-Varying Partial State Constraints. 2020 , 50, 1485-1497		82
180	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

179	Fuzzy Adaptive Quantized Fault-Tolerant Control of Strict-Feedback Nonlinear Systems With Mismatched External Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3424-3434	7-3	22
178	Robust Adaptive Control of an Offshore Ocean Thermal Energy Conversion System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 5285-5295	7-3	30
177	An Adaptive Neural Network Controller for Active Suspension Systems With Hydraulic Actuator. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 5351-5360	7-3	36
176	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3470-3480	7-3	43
175	Nonlinear Systems With Uncertain Periodically Disturbed Control Gain Functions: Adaptive Fuzzy Control With Invariance Properties. 2020 , 28, 746-757		20
174	Adaptive Fuzzy Control for High-Order Nonlinear Time-Delay Systems With Full-State Constraints and Input Saturation. 2020 , 28, 1652-1663		32
173	Minimal learning parameters-based adaptive neural control for vehicle active suspensions with input saturation. 2020 , 396, 153-161		7
172	Adaptive Neural Network Learning Controller Design for a Class of Nonlinear Systems With Time-Varying State Constraints. 2020 , 31, 66-75		59
171	Adaptive Neural Network Control of Underwater Robotic Manipulators Tuned by a Genetic Algorithm. 2020 , 97, 657-672		13
170	Observed-based adaptive finite-time tracking control for a class of nonstrict-feedback nonlinear systems with input saturation. 2020 , 357, 11518-11544		91
169	Disturbance Observer-Based Neural Network Control of Cooperative Multiple Manipulators With Input Saturation. 2020 , 31, 1735-1746		53
168	Barrier Lyapunov Function-Based Adaptive Fuzzy FTC for Switched Systems and Its Applications to Resistance-Inductance-Capacitance Circuit System. 2020 , 50, 3491-3502		95
167	Adaptive finite-time fault-tolerant controller for a class of uncertain MIMO nonlinear switched systems subject to output constraints and unknown input nonlinearities. 2020 , 35, 100821		4
166	Robust Adaptive Fault-Tolerant Tracking Control for Nonaffine Stochastic Nonlinear Systems With Full-State Constraints. 2020 , 50, 3793-3805		39
165	Finite-time controller design of multiple integrator nonlinear systems with input saturation. 2020 , 372, 124986		20
164	Online barrier-actor-critic learning for H _∞ control with full-state constraints and input saturation. 2020 , 357, 3316-3344		26
163	Adaptive Neural Networks Finite-Time Optimal Control for a Class of Nonlinear Systems. 2020 , 31, 4451-4460	174	
162	Adaptive neural network finite-time command filtered tracking control of fractional-order permanent magnet synchronous motor with input saturation. 2020 , 357, 13707-13733		4

161	Observer-based tracking control for constrained nonlinear systems with mismatching disturbances and its application. 2020 , 30, 8485-8502	4
160	Adaptive Finite-Time Control for Half-Vehicle Active Suspension Systems With Uncertain Dynamics. 2020 , 1-1	11
159	Barrier Function-Based Adaptive Neuro Network Sliding Mode Vibration Control for Flexible Double-Clamped Beams With Input Saturation. 2020 , 8, 125887-125898	6
158	Hidden behavior prediction of complex system based on time-delay belief rule base forecasting model. 2020 , 203, 106147	5
157	Adaptive output-feedback tracking control for a class of nonlinear systems with input saturation: a multi-dimensional Taylor network-based approach. 2020 , 51, 2471-2482	2
156	Finite-Time Attitude Control for Quadrotor with Input Constraints and Disturbances. 2020 , 2020, 1-11	1
155	Neural Network-Based Finite-Time Command Filtering Control for Switched Nonlinear Systems With Backlash-Like Hysteresis. 2021 , 32, 3268-3273	28
154	Fuzzy Approximation-Based Finite-Time Control for a Robot With Actuator Saturation Under Time-Varying Constraints of Work Space. 2021 , 51, 4873-4884	16
153	Adaptive fuzzy finite-time fault-tolerant control of nonlinear systems with state constraints and input quantization. 2020 , 34, 1199-1219	5
152	Removing Feasibility Conditions on Adaptive Neural Tracking Control of Nonlinear Time-Delay Systems With Time-Varying Powers, Input, and Full-State Constraints. 2020 , PP,	6
151	Adaptive singularity-free controller design of constrained nonlinear systems with prescribed performance. 2020 , 417, 212-223	1
150	Adaptive Dynamic Surface Control of Constrained Nonlinear Systems. 2020 ,	1
149	Adaptive Control for Output-Constrained Nonlinear Systems with Input Delay. 2020 ,	0
148	Adaptive Neural-Network Controller for an Uncertain Rigid Manipulator With Input Saturation and Full-Order State Constraint. 2020 , PP,	7
147	Neural Control of Robot Manipulators With Trajectory Tracking Constraints and Input Saturation. 2021 , 32, 4231-4242	38
146	Output Feedback Control via Linear Extended State Observer for an Uncertain Manipulator with Output Constraints and Input Dead-Zone. 2020 , 9, 1355	9
145	A New Nussbaum-Type Function and its Application in the Control of Uncertain Strict-Feedback Systems. 2020 , 22, 2284-2299	1
144	Adaptive output feedback control for a class of uncertain non-strict feedback systems with asymmetric time-varying output constraints. 2020 , 12, 168781402095882	1

143	Integral barrier Lyapunov function-based adaptive fuzzy output feedback control for nonlinear delayed systems with time-varying full-state constraints. 2020 , 34, 1677-1696	1
142	Fuzzy adaptive asymptotic tracking of uncertain nonlinear systems with full states constraints. 2020 , 51, 3550-3562	1
141	Direct Neural Network Adaptive Tracking Control for Uncertain Non-Strict Feedback Systems With Nonsymmetric Dead-Zone. 2020 , 8, 220795-220806	
140	Adaptive neural control for multiagent systems with asymmetric time-varying state constraints and input saturation. 2020 , 30, 4764-4778	5
139	Adaptive fuzzy voltage-based backstepping tracking control for uncertain robotic manipulators subject to partial state constraints and input delay. 2020 , 100, 2609-2634	11
138	Adaptive Decentralized Output Feedback Tracking Control for Large-Scale Interconnected Systems with Time-Varying Output Constraints. 2020 , 2020, 1-14	1
137	Observer-based adaptive fuzzy controller for uncertain non-strict state-delayed nonlinear systems subject to input and output constraints. 2020 , 357, 7483-7514	4
136	Design of Adaptive Fuzzy Controllers for a Class of Fractional Order Nonlinear MIMO Systems With Input Saturation. 2020 , 8, 104590-104602	2
135	A method of automatically generating initial parameters for large-scale belief rule base. 2020 , 199, 105904	6
134	Weighted Multiple-Model Neural Network Adaptive Control for Robotic Manipulators with Jumping Parameters. 2020 , 2020, 1-12	4
133	A regenerative chatter observer analysis for micro-milling. 2020 , 758, 012066	0
132	Adaptive finite-time fuzzy control for nonlinear systems with input quantization and unknown time delays. 2020 , 357, 7718-7742	4
131	Adaptive finite-time neural control of non-strict feedback systems subject to output constraint, unknown control direction, and input nonlinearities. 2020 , 520, 271-291	14
130	Asymptotic tracking control for constrained nonstrict-feedback MIMO nonlinear systems via parameter compensations. 2020 , 30, 3365-3381	6
129	Analysis and Recovery of Aircraft Deep-Stall Phenomena Using Bifurcation Analysis. 2020 , 8, 29319-29333	5
128	Adaptive Dynamic Surface Fuzzy Control for State Constrained Time-Delay Nonlinear Nonstrict Feedback Systems With Unknown Control Directions. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-12	7-3 8
127	Inverse-adaptive multilayer TS fuzzy controller for uncertain nonlinear system optimized by differential evolution algorithm. 2020 , 24, 14073-14089	2
126	Adaptive neural finite-time bipartite consensus tracking of nonstrict feedback nonlinear cooperation multi-agent systems with input saturation. 2020 , 397, 168-178	7

125	Robust adaptive backstepping tracking control of stochastic nonlinear systems with unknown input saturation: A command filter approach. 2020 , 30, 3296-3313			19
124	Adaptive Neural Tracking Control of Full-state Constrained Nonstrict-feedback Time-delay Systems with Input Saturation. 2020 , 18, 2048-2060			2
123	Adaptive Sliding Mode Control for Uncertain Active Suspension Systems With Prescribed Performance. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-9	7-3		18
122	Neural networks-based adaptive dynamic surface control for vehicle active suspension systems with time-varying displacement constraints. 2020 , 408, 176-187			5
121	. 2020 , 17, 1937-1949			87
120	Observer-Based Finite-Time Adaptive Fuzzy Control for Nontriangular Nonlinear Systems With Full-State Constraints. 2021 , 51, 1110-1120			61
119	Reduced-Order Observer-Based Dynamic Event-Triggered Adaptive NN Control for Stochastic Nonlinear Systems Subject to Unknown Input Saturation. 2021 , 32, 1678-1690			30
118	Adaptive Fault-Tolerant Tracking Control for Discrete-Time Multiagent Systems via Reinforcement Learning Algorithm. 2021 , 51, 1163-1174			138
117	Adaptive Fuzzy Control for Nonstrict-Feedback Systems Under Asymmetric Time-Varying Full State Constraints Without Feasibility Condition. 2021 , 29, 976-985			12
116	Novel Adaptive Fuzzy Control for Output Constrained Stochastic Nonstrict Feedback Nonlinear Systems. 2021 , 29, 1188-1197			38
115	Observer-Based Adaptive NN Control for Uncertain Nonlinear Systems with Prescribed Performance and Fuzzy Dead-Zone Input. 2021 , 40, 572-597			2
114	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 420-440	7-3		15
113	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
112	Stabilisation of high-order nonlinear systems with full-state constraints and input saturation. 2021 , 94, 999-1009			7
111	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3136-3147	7-3		95
110	Global neuro-adaptive control of nonstrict-feedback systems with unknown control directions and multiple time delays. 2021 , 358, 533-554			0
109	Adaptive neural network output feedback control of incommensurate fractional-order PMSMs with input saturation via command filtering and state observer. 2021 , 33, 5631-5644			4
108	Fuzzy approximation-based adaptive finite-time control for nonstrict feedback nonlinear systems with state constraints. 2021 , 548, 101-117			8

107	Neural network-based finite-time adaptive tracking control of nonstrict-feedback nonlinear systems with actuator failures. 2021 , 545, 298-311		11
106	Enhancing Blockchain security in cloud computing with IoT environment using ECIES and cryptography hash algorithm. 2021 , 37, 2653-2659		16
105	Real-time optimization for nonlinear processes including output saturation. 2021 , 16, e2603		
104	A novel active fault-tolerant control for spacecrafts with full state constraints and input saturation. 2021 , 108, 106368		14
103	Adaptive inverse multilayer fuzzy control for uncertain nonlinear system optimizing with differential evolution algorithm. 2021 , 51, 527-548		1
102	Fuzzy Observer Constraint Based on Adaptive Control for Uncertain Nonlinear MIMO Systems With Time-Varying State Constraints. 2021 , 51, 1380-1389		20
101	Neural Networks-Based Fault Tolerant Control of a Robot via Fast Terminal Sliding Mode. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 4091-4101	7-3	18
100	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
99	Adaptive Fuzzy Tracking Control Design for a Class of Uncertain Nonstrict-Feedback Fractional-Order Nonlinear SISO Systems. 2021 , 51, 3039-3053		11
98	Cluster Event-Triggered Tracking Cooperative and Formation Control for Multivehicle Systems: An Extended Magnification Region Condition. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3229-3239	7-3	4
97	Composite Learning Enhanced Neural Control for Robot Manipulator With Output Error Constraints. 2021 , 17, 209-218		45
96	Adaptive Intelligent Control for Input and Output Constrained High-Order Uncertain Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-10	7-3	9
95	Fixed-Time Adaptive Fuzzy Control for Uncertain Nonstrict-Feedback Systems with Time-Varying Constraints and Input Saturations. 2021 , 1-1		10
94	. 2021 , 1-1		21
93	A Precise Neural-Disturbance Learning Controller of Constrained Robotic Manipulators. 2021 , 1-1		4
92	Adaptive-Constrained Impedance Control for Human-Robot Co-Transportation. 2021 , PP,		8
91	Adaptive Stabilization of Uncertain Nonlinear Systems Under Output Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-10	7-3	0
90	Output Feedback Recursive Dynamic Surface Control with Antiwindup Compensation. 2021 , 2021, 1-16		0

89	An adaptive neural network collaborative fault-tolerant controller design for non-Gaussian interconnected systems. 2021 , 52, 2763-2776	2
88	Disturbance observerBased neural flight control for aircraft with switched time-varying distributed delays. 095441002199850	1
87	Adaptive finite-time consensus tracking control for nonlinear multiagent systems in nonstrict feedback form with full-state constraints. 2021 , 35, 1417-1436	1
86	An Optimization Approach to Minimize the Expected Loss of Demand Considering Drone Failures in Drone Delivery Scheduling. 2021 , 102, 1	4
85	Neuroadaptive control of saturated nonlinear systems with disturbance compensation. 2021 ,	16
84	Global state feedback stabilization of nonlinear systems with unknown functions. 2021 , 104, 3633	0
83	Adaptive event-triggered consensus control of multi-agent systems with prescribed performance and input quantization. 2021 , 35, 1454-1477	3
82	A Neural-network-based Nonlinear Controller for Robot Manipulators with Gain-learning Ability and Output Constraints. 2021 ,	1
81	Adaptive Event-triggered Fuzzy Control for DC Motor Servo Systems. 2021 ,	
80	Fixed-time adaptive fuzzy control for a class of non-strict-feedback uncertain non-linear systems. 2021 , 43, 3093-3102	1
79	Trajectory tracking control for underactuated unmanned surface vehicle subject to uncertain dynamics and input saturation. 1	1
78	Output-Feedback Based Simplified Optimized Backstepping Control for Strict-Feedback Systems with Input and State Constraints. 2021 , 8, 1119-1132	6
77	Adaptive NN finite-time tracking control for PMSM with full state constraints. 2021 , 443, 213-221	4
76	Tracking Control for a Robotic Manipulator under Constraint Violation during Operation and Unknown Initial Conditions. 2021 ,	
75	Event-triggered based adaptive neural network control of a robotic manipulator with output constraints and disturbance. 2021 , 52, 2415-2426	2
74	Adaptive neural network control of second-order underactuated systems with prescribed performance constraints. 2021 ,	0
73	MT-filters-based adaptive quantized dynamic surface control of stochastic nonstrict-feedback nonlinear systems including input unmodeled dynamics. 2021 , 31, 8632	1
72	Finite-time adaptive neural control of nonlinear systems with unknown output hysteresis. 2021 , 403, 126175	4

71	Fixed-time stabilization for interconnected high-order nonlinear systems with dead-zone input and output constraint. 2021 , 358, 6923-6940	1
70	Guaranteed cost estimation and control for a class of nonlinear systems subject to actuator saturation. 2021 , 61, 119-132	0
69	High accuracy contouring control of an excavator for surface flattening tasks based on extended state observer and task coordinate frame approach. 2021 , 130, 103845	1
68	Neural networks-based adaptive tracking control of multi-agent systems with output-constrained and unknown hysteresis. 2021 , 458, 24-32	2
67	Adaptive fuzzy backstepping control for nonstrict feedback nonlinear systems with time-varying state constraints and backlash-like hysteresis. 2021 , 574, 606-624	5
66	Output-feedback finite-time stabilization of a class of constrained planar systems. 2022 , 412, 126573	2
65	Controller design for fractional-order interconnected systems with unmodeled dynamics. 2021 , 103, 1599-1610	1
64	HOSM controller design with an output constraint and its application. 2021 , 116, 71-80	0
63	Adaptive tracking control for a class of stochastic non-linear systems with input delay: a novel approach based on multi-dimensional Taylor network. 2020 , 14, 2147-2153	8
62	Finite-Time Stabilization and Adaptive Control of Memristor-Based Delayed Neural Networks. 2017 , 28, 2648-2659	72
61	Adaptive control realization for canonic Caputo fractional-order systems with actuator nonlinearity: application to mechatronic devices. 2020 , 2020,	3
60	Neural Approximation-Based Adaptive Control for Pure-Feedback Fractional-Order Systems With Output Constraints and Actuator Nonlinearities. 2018 , 468-495	2
59	Fixed-time formation control for spacecraft with prescribed performance guarantee under input saturation. 2021 , 119, 107176	4
58	Neural Adaptive Dynamic Surface Control of Nonlinear Systems with Partially Constrained Tracking Errors and Input Saturation. 2017 , 20-27	
57	Iterative Learning Control of a Flexible Beam. 2019 , 127-142	
56	Fixed-Time Fuzzy Adaptive Tracking Control for Output-Constrained Uncertain Nonlinear Systems in Nonstrict-Feedback Form. 1	0
55	Prescribed performance adaptive fuzzy control for nonstrict-feedback nonlinear systems with dead zone outputs. 2021 , 35, 567-590	2
54	Command filtered event-triggered adaptive control for MIMO stochastic multiple time-delay systems.	0

53	Finite-time tracking control for nonstrict-feedback nonlinear systems with unknown time delays and input saturation. 014233122110583		0
52	Nussbaum gain adaptive neural asymptotic tracking of nonlinear systems with full-state constraints. 1-14		0
51	Barrier Lyapunov function-based robot control with an augmented neural network approximator. 2021 , ahead-of-print,		2
50	Relaxed Fault Estimation of Discrete-Time Nonlinear System Based on a New Multi-Instant Real-Time Scheduling Fuzzy Observer. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-11	7-3	
49	Command-Filter-Based Adaptive Fuzzy Finite-Time Output Feedback Control for State-Constrained Nonlinear Systems With Input Saturation. 2021 , 1-1		0
48	Event-triggered adaptive decentralised control for switched interconnected nonlinear systems with unmodeled dynamics and full state constraints. 1-20		
47	The adaptive fuzzy tracking control for double inverted pendulums in the presence of unknown control directions. 2020 ,		
46	Adaptive NN Finite-Time Tracking Control for PMSM with Full State Constraints. 2020 ,		
45	Nussbaum-Type Neural Network-Based Control of Neuromuscular Electrical Stimulation With Input Saturation and Muscle Fatigue. 2022 , 17,		
44	Fixed-Time Stabilization for a Class of Output-Constrained Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-13	7-3	4
43	Barrier Function Based Adaptive Sliding Mode Control for Uncertain Systems With Input Saturation. 2022 , 1-11		3
42	Bi-level artificial intelligence model for risk classification of acute respiratory diseases based on Chinese clinical data.. 2022 , 1-18		1
41	Event-triggered adaptive control of multi-agent systems with saturated input and partial state constraints. 2022 , 359, 3333-3333		0
40	Prescribed performances based fuzzy-adaptive output feedback containment control for multiple underactuated surface vessels. 2022 , 249, 110898		1
39	Fault-tolerant adaptive fractional controller design for incommensurate fractional-order nonlinear dynamic systems subject to input and output restrictions. 2022 , 157, 111930		0
38	An improved decentralized finite-time approach for excitation control of multi-area power systems. 2022 , 31, 100692		1
37	Hierarchical Adaptive Tracking Control for Mobile Robots With Multiple Constraints. 2021 ,		
36	Adaptive Tracking Control of a Class of Nonlinear Systems with Input Delay and Dynamic Uncertainties Using Multi-dimensional Taylor Network. 2021 , 19, 4078-4089		4

35	An intelligent sliding mode controller of robotic manipulators with output constraints and high-level adaptation.	1
34	Fixed-time adaptive neural control for nonstrict-feedback uncertain nonlinear systems with output constraints.	0
33	Coordinated Optimization Control System of Big Data Intelligent Production Line. 2022 , 2022, 1-14	
32	Observer-Based Event-Triggered Adaptive Fuzzy Control for Fractional-Order Time-Varying Delayed MIMO Systems Against Actuator Faults. 2022 , 1-1	0
31	Multi-agent Lenient Reinforcement Learning Based Algorithm for Balanced Train Operation of Single-Track Railway Considering DoS Attacks. 2022 , 351-361	0
30	Applications and development of artificial intelligence system from the perspective of system science: A bibliometric review.	0
29	Adaptive finite-time direct fuzzy control for a nonlinear system with an unknown control gain based on an observer. 2022 ,	0
28	A Deep Motion Reliability Scheme for Robotic Operations.	
27	Design of Distributed Event-Triggered Circumnavigation Control of a Moving Target by a Group of Underactuated Surface Vessels. 2022 , 100702	0
26	Adaptive neural control of non-linear fractional order multi-agent systems in the presence of error constraints and input saturation.	0
25	Full-state time-varying asymmetric constraint control for non-strict feedback nonlinear systems based on dynamic surface method. 2022 , 12,	0
24	Finite-time congestion tracking control for TCP/AWM network systems employing event-triggered mechanism. 2022 ,	
23	Pick&Place Trajectory Planning and Robust Adaptive Fuzzy Tracking Control for CableBased GangueSorting Robots with Model Uncertainties and External Disturbances. 2022 , 10, 714	2
22	Reference-trajectory-plannerBased integrated guidance and control under input saturation and impact angle constraint. 014233122211100	
21	Research on intermittent fault diagnosis of rolling bearing based on interval-valued evidence construction and possibility. 2022 , 203, 111958	0
20	An Intelligent Position-Tracking Controller for Constrained Robotic Manipulators Using Advanced Neural Networks.	0
19	Angle tracking control of integrated hydraulic transformer inner loop servo system. 2022 ,	1
18	Reinforcement learning control for a flapping-wing micro aerial vehicle with output constraint.	0

17	Sufficient Conditions for the Existence and Uniqueness of Minimizers for Variational Problems under Uncertainty. 2022 , 10, 3638	0
16	Practical prescribed time control for state constrained systems with event-triggered strategy: Settling time regulator-based approach.	0
15	PP-TABLF Based Adaptive Command Filter Control for Fully Actuated MSVs with Unknown Uncertainties and Multiple Constraints.	0
14	Observer-based adaptive fuzzy output feedback control for functional constraint systems with dead-zone input. 2022 , 20, 2628-2650	0
13	Fixed-time fault-tolerant control of uncertain MIMO switched interconnected systems subject to state delay, unknown control directions, and quantized nonlinear inputs.	0
12	Fixed-Time Incremental Neural Control for Manipulator Based on Composite Learning with Input Saturation. 2022 , 11, 373	1
11	Prescribed Finite-Time Adaptive Fuzzy Control via Output Feedback for Output-constrained Nonlinear Systems.	0
10	A novel optimization method for belief rule base expert system with activation rate. 2023 , 13,	0
9	Global fixed-time event-triggered control for stochastic nonlinear systems with full state constraints.	0
8	A deep motion reliability scheme for robotic operations. 2023 , 183, 105280	0
7	Adaptive Neural Network Fixed-Time Control for Robotic Manipulators with Input Quantization. 2022 ,	0
6	A Data-Based Adaptive Predictive Controller Design for Stabilizing Unknown Nonlinear Systems Featuring Input and Output Saturations. 2022 ,	0
5	Fault Diagnosis Observer Design and Output Feedback Fault-Tolerant Control of Descriptor Stochastic Systems. 2022 ,	0
4	Deterministic learning-based neural control for output-constrained strict-feedback nonlinear systems. 2023 ,	0
3	BLF-based neural dynamic surface control for stochastic nonlinear systems with time delays and full-state constraints. 1-17	0
2	Command filter-based adaptive fuzzy fixed-time tracking control for strict-feedback nonlinear systems with nonaffine nonlinear faults.	0
1	Barrier Lyapunov Function-Based Finite-Time Dynamic Surface Control for Output-Constrained Nonstrict-Feedback Systems. 2023 , 36, 524-539	0