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Geometric homogeneity with applications to finite-time stability

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689	Finite-time output consensus of second-order multi-agent systems with mismatched disturbances via active anti-disturbance control. <b>2017</b> ,	1
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484	Fixed-Time Synchronization Control for a Class of MasterBlave Systems Based on Homogeneous Method. <b>2019</b> , 66, 1547-1551	30
483	High-order mismatched disturbance rejection control for small-scale unmanned helicopter via continuous nonsingular terminal sliding-mode approach. <b>2019</b> , 29, 935-948	17
482	Novel smooth sliding mode attitude control design for constrained re-entry vehicle based on disturbance observer. <b>2019</b> , 50, 75-90	5
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478	Global Dynamic Nonrecursive Realization of Decentralized Nonsmooth Exact Tracking for Large-Scale Interconnected Nonlinear Systems. <b>2019</b> , 49, 3521-3531	3
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476	Convergence rates of stochastic homogeneous systems. <b>2019</b> , 124, 33-39	2

475	Robust fixed-time sliding mode controller for flexible air-breathing hypersonic vehicle. <b>2019</b> , 90, 1-18	17
474	Continuous Fixed-Time Convergent Super-Twisting Algorithm in Case of Unknown State and Disturbance Initial Conditions. <b>2019</b> , 21, 323-338	11
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61	Finite-time Controller Design for Permanent Magnet Linear Motor System with Output Tracking Error Constraint. <b>2022</b> ,	О
60	Output-feedback Formation Control of Multiple Vessels with Prescribed Performance. 2022,	О
59	Distributed Finite- Time Anti-Disturbance Secondary Voltage Regulation for Islanded Alternating-Current Microgrids. <b>2022</b> ,	О
58	Fixed-time Output Feedback Stabilization and Settling Time Analysis for High-Order Integrator Systems. <b>2022</b> ,	O
57	Internal Model Disturbance Observer Based Continuous Non-singular Terminal Sliding Mode Control for Magnetic Levitation Systems. <b>2022</b> ,	О
56	Design of High Order Sliding Mode Controller for Climbing Phase of Hypersonic Vehicle. 2022,	O
55	Event-triggered Sliding Mode Attitude Tracking Control of Underwater Glider. 2022,	О
54	Sensor Effects in LCL-Type Grid-Connected Shunt Active Filters Control Using Higher-Order Sliding Mode Control Techniques. <b>2022</b> , 22, 7516	O
53	Finite-time non-smooth stabilization of cascade output-constrained switched systems.	О
52	Finite-Time Extended State Observe Based Fault Tolerant Control for Autonomous Underwater Vehicle with Unknown Thruster Fault. <b>2022</b> , 10, 1624	O
51	Fast inner-loop control of air-breathing hypersonic vehicles. 1-16	О
50	Signal corrector and decoupling estimations for UAV control. 1-22	O
49	A linear matrix inequalityBased approach for estimating upper bound of settling time. 095965182211316	О
48	Barrier Function-based adaptive fast non-singular terminal sliding mode tracking control for marine vessels. <b>2022</b> , 266, 112851	O
47	Control of Heterogeneous Battery Energy Storage Systems-Based Microgrid Connected via Detail-Balanced Communication Topology. <b>2023</b> , 7, 733-738	О
46	Fixed time synchronization of octonion valued neural networks with time varying delays. 2023, 118, 105684	Ο
45	Adaptive Finite-Time Robust Sliding Mode Controller For Upper Limb Exoskeleton Robot. 2022,	О
44	Observer-based Finite-time Platoon Control for Connected Vehicles. 2022,	Ο

43	On the Predefined, Prescribed and Arbitrary Time Convergence. 2022,	O
42	On convergence of extended state observers for nonlinear systems with non-differentiable uncertainties. <b>2022</b> ,	O
41	Distributed fixed-time sliding mode control of time-delayed quadrotors aircraft for cooperative aerial payload transportation: Theory and practice. <b>2022</b> ,	0
40	Lyapunov-based fixed-time stabilization control of quantum systems. <b>2022</b> , 1, 100005	O
39	A generalised proportional-derivative type scheme with multiple saturating structure for the finite-time and exponential tracking continuous control of EulerDagrange systems with bounded inputs. 1-32	O
38	Disturbance Observer-based Cooperative Control of Vehicle Platoons Subject to Mismatched Disturbance. <b>2023</b> , 1-11	О
37	Output finite-time stabilization of a class of linear and bilinear control systems. 1-0	O
36	Neuro-adaptive practical prescribed-time control for pure-feedback nonlinear systems without accurate initial errors.	O
35	Continuous fixed-time formation control for AUVs using only position measurements. 2023, 269, 113476	O
34	Time Varying control design for small-time stabilization of Brockett's integrator. 2022,	O
33	Stability of generalized homogeneous cooperative systems. 2022,	О
32	Homogeneous Nonovershooting Stabilizers and Safety Filters Rejecting Matched Disturbances. <b>2022</b> ,	O
31	Consistent discretization of a homogeneous finite-time control for a double integrator. 2022,	O
30	An Analysis of Convergence Properties of Finite-Time Homogeneous Controllers Through Its Implementation in a Flexible-Joint Robot. <b>2022</b> ,	O
29	On Generalized Homogeneous Leader-Following Consensus. 2022,	O
28	On Haimol conditions for Finite-time stability of the double integrator. <b>2022</b> ,	O
27	On simple design of a robust finite-time observer. <b>2022</b> ,	0
26	Composite Terminal Guidance Law for Supercavitating Torpedoes with Impact Angle Constraints. <b>2022</b> , 2022, 1-16	1

25	Continuous Fixed-Time Formation Control for Auvs Using Only Position Measurements.	0
24	Generalized homogeneous control with integral action.	O
23	Morphing-Aided Maneuver Control of Morphing Aircraft with Variable Wing Span and Sweep Angle. <b>2023</b> , 1335-1344	1
22	Fixed-Time Sliding Mode-Based Active Disturbance Rejection Tracking Control Method for Robot Manipulators. <b>2023</b> , 11, 140	O
21	Output-feedback finite-time control for uncertain quantized nonlinear systems based on fuzzy approximation. <b>2022</b> ,	О
20	An Alternative Nonsmooth Adaptive Output Regulation Strategy for Nonlinear Systems with Mismatched Disturbances. <b>2022</b> ,	O
19	Continuousdiscrete time observers for homogeneous nonlinear systems with sampled-data outputs. <b>2023</b> , 151, 110905	О
18	An arbitrary-order exact differentiator with predefined convergence time bound for signals with exponential growth bound. <b>2023</b> , 153, 110995	O
17	Finite, fixed and prescribed-time stability and stabilization of nonlinear negative imaginary systems. <b>2023</b> , 153, 111003	O
16	High-order sliding-mode functional observers for multiple-input multiple-output (MIMO) linear time-invariant systems with unknown inputs.	O
15	Nonlinear Extended State Observer-Based Distributed Formation Control of Multiple Vessels with Finite-Time Prescribed Performance. <b>2023</b> , 11, 321	0
14	A third-order sliding mode controller for nonlinear multivariable systems.	O
13	Bi-homogeneous observers for uncertain 1-DOF mechanical systems.	0
12	Velocity-based tuning of degree of homogeneity for finite-time stabilization and fault tolerant control of an ROV in the presence of thruster saturation and rate limits. <b>2023</b> , 111, 8253-8274	O
11	Adaptive Finite-Time Sliding Mode Control for a Class of Second-Order Underactuated Systems. <b>2023</b> , 12, 677-688	O
10	Finite-Time Adaptive Consensus Tracking Control Based on Barrier Function and Cascaded High-Gain Observer. <b>2023</b> , 7, 197	O
9	Homogeneity for control systems in discrete time. <b>2023</b> , 56, 385-390	0
8	Distributed Optimization Control for Heterogeneous Multiagent Systems under Directed Topologies. <b>2023</b> , 11, 1479	O

7	Command-filtered-based technique for a class of nonlinear systems with finite-time observer in the presence of mismatched disturbances.	О
6	A discontinuous integral action for robust output tracking in uncertain linear systems.	O
5	Cooperative group formation control for multiple quadrotors system with finite- and fixed-time convergence. <b>2023</b> ,	О
4	On convergence of nonlinear tracking differentiator based on finite-time stable system subject to stochastic noise. <b>2023</b> , 23, 100215	O
3	Observer-Based Finite-Time Sliding-Mode Control of Robotic Manipulator with Flexible Joint Using Partial States. <b>2023</b> , 2023, 1-12	0
2	A Hlder-continuous Extended State Observer for Rigid Body Attitude Dynamics. <b>2022</b> , 55, 340-345	o
1	Fixed-Time RBFNN-Based Prescribed Performance Control for Robot Manipulators: Achieving Global Convergence and Control Performance Improvement. <b>2023</b> , 11, 2307	0