

CITATION REPORT

List of articles citing

Discontinuous dynamical systems

DOI: 10.1109/mcs.2008.919306
IEEE Control Systems, 2008, 28, 36-73.

Source: <https://exaly.com/paper-pdf/44043640/citation-report.pdf>

Version: 2024-04-28

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 |
|-----|---|-----|-----------|
| 601 | A Lyapunov approach to second-order sliding mode controllers and observers. 2008 , | | 405 |
| 600 | Block Backstepping, NDI and Related Cascade Designs for Efficient Development of Nonlinear Flight Control Laws. 2008 , | | 3 |
| 599 | . <i>IEEE Control Systems</i> , 2008 , 28, 82-91 | 2.9 | 33 |
| 598 | Semistability theory for differential inclusions with applications to consensus problems in dynamical networks with switching topology. 2008 , | | 6 |
| 597 | Functional differential inclusion-based approach to control of discontinuous nonlinear systems with time delay. 2008 , | | 1 |
| 596 | Semistability for time-varying discontinuous dynamical systems with application to agreement problems in switching networks. 2008 , | | 9 |
| 595 | . <i>IEEE Control Systems</i> , 2008 , 28, 141-143 | 2.9 | 2 |
| 594 | Nonsmooth Coordination and Geometric Optimization via Distributed Dynamical Systems. 2009 , 51, 163-189 | | 7 |
| 593 | L2-gain analysis and feedback design for discontinuous time-delay systems based on functional differential inclusion. 2009 , | | 3 |
| 592 | Unified control Liapunov function based design of neural networks that aim at global minimization of nonconvex functions. 2009 , | | 4 |
| 591 | Finite-time rendezvous algorithms for mobile autonomous agents. 2009 , | | 2 |
| 590 | Inertia-free spacecraft attitude trajectory tracking with internal-model-based disturbance rejection and almost global stabilization. 2009 , | | 6 |
| 589 | Real-time robust and adaptive solutions to zero finding problems with uncertainty. 2009 , | | 1 |
| 588 | Lasalle invariant principle via vector Lyapunov functions of a class of discontinuous systems. 2009 , | | 1 |
| 587 | Inertia-Free Spacecraft Attitude Tracking with Disturbance Rejection and Almost Global Stabilization. 2009 , 32, 1167-1178 | | 132 |
| 586 | Dissipativity theory for discontinuous dynamical systems: Basic input, state, and output properties, and finite-time stability of feedback interconnections. 2009 , 3, 551-564 | | 9 |
| 585 | On periodic solutions of neural networks via differential inclusions. 2009 , 22, 329-34 | | 88 |

| | | |
|-----|--|---------|
| 584 | Minimum Projection Method for nonsmooth control Lyapunov function design on general manifolds. 2009 , 58, 716-723 | 23 |
| 583 | Decentralized cooperative attitude tracking using Modified Rodriguez Parameters. 2009 , | 3 |
| 582 | . <i>IEEE Control Systems</i> , 2009 , 29, 28-93 | 2.9 930 |
| 581 | Attitude Tracking Control of a Small Satellite in Low Earth Orbit. 2009 , | 7 |
| 580 | Practical optimal state feedback control law for continuous-time switched affine systems with cyclic steady state. 2009 , 82, 1357-1376 | 32 |
| 579 | Semistability, Finite-Time Stability, Differential Inclusions, and Discontinuous Dynamical Systems Having a Continuum of Equilibria. 2009 , 54, 2465-2470 | 89 |
| 578 | A Converse Liapunov Theorem for Uniformly Locally Exponentially Stable Systems Admitting Carathéodory Solutions *. 2010 , 43, 1374-1378 | 1 |
| 577 | Guiding one-dimensional formations of mobile agents with coarsely quantized information. 2010 , 43, 25-30 | |
| 576 | Finite-time semistability, Filippov systems, and consensus protocols for nonlinear dynamical networks with switching topologies. 2010 , 4, 557-573 | 40 |
| 575 | On the uniqueness of solutions to a class of discontinuous dynamical systems. 2010 , 11, 1402-1412 | 6 |
| 574 | Swarming in homogeneous environments: a social interaction based framework. 2010 , 264, 747-59 | 7 |
| 573 | Distributed leader-follower flocking control for multi-agent dynamical systems with time-varying velocities. 2010 , 59, 543-552 | 195 |
| 572 | Stability analysis and controller synthesis for hybrid dynamical systems. 2010 , 368, 4937-60 | 31 |
| 571 | Optimizing communication in air-ground robot networks using decentralized control. 2010 , | 24 |
| 570 | Nonsmooth control design of mechanical systems with friction in the sense of Filippov. 2010 , | 1 |
| 569 | The controlled conjugate gradient type trajectory-following neural net for minimization of nonconvex functions.. 2010 , | 2 |
| 568 | Multilayer minimum projection method with singular point assignment for nonsmooth control Lyapunov function design. 2010 , | 2 |
| 567 | COMPLETE PERIODIC SYNCHRONIZATION OF DELAYED NEURAL NETWORKS WITH DISCONTINUOUS ACTIVATIONS. 2010 , 20, 2151-2164 | 28 |

| | | | |
|-----|---|-----|-----|
| 566 | Inertia-Free Spacecraft Attitude Control with Reaction-Wheel Actuation. 2010 , | | 6 |
| 565 | Further Results on the Use of Nussbaum Gains in Adaptive Neural Network Control. 2010 , 55, 2841-2846 | | 28 |
| 564 | Decentralised cooperative attitude tracking using modified Rodriguez parameters based on relative attitude information. 2010 , 83, 2427-2439 | | 45 |
| 563 | Robust state estimation for neural networks with discontinuous activations. 2010 , 40, 1425-37 | | 111 |
| 562 | Synchronization control of discontinuous neural networks via approximation. 2010 , | | 8 |
| 561 | . 2010 , | | 2 |
| 560 | Finite-Time Rendezvous Algorithms for Mobile Autonomous Agents. 2011 , 56, 207-211 | | 67 |
| 559 | Hybrid Limits of Continuous Time Markov Chains. 2011 , | | 11 |
| 558 | From walking to running a natural transition in the SLIP model using the hopping gait. 2011 , | | 7 |
| 557 | Observability Forms for Switched Systems With Zeno Phenomenon or High Switching Frequency. 2011 , 56, 436-441 | | 10 |
| 556 | Finite-time consensus of multi-agent networks with inherent nonlinear dynamics under an undirected interaction graph. 2011 , | | |
| 555 | . <i>IEEE Control Systems</i> , 2011 , 31, 30-51 | 2.9 | 360 |
| 554 | The Circle Criterion and Input-to-State Stability. <i>IEEE Control Systems</i> , 2011 , 31, 32-67 | 2.9 | 64 |
| 553 | A one-layer recurrent neural network for pseudoconvex optimization subject to linear equality constraints. 2011 , 22, 1892-900 | | 68 |
| 552 | Distributed Coordinated Tracking With a Dynamic Leader for Multiple Euler-Lagrange Systems. 2011 , 56, 1415-1421 | | 291 |
| 551 | Mobile Sensor Network Navigation Using Gaussian Processes With Truncated Observations. 2011 , 27, 1118-1131 | | 54 |
| 550 | On Contraction of Piecewise Smooth Dynamical Systems. 2011 , 44, 13299-13304 | | 2 |
| 549 | Quantization Effects on Synchronization of Mobile Agents with Second-Order Dynamics*. 2011 , 44, 2376-2381 | 4 | |

| | | |
|-----|--|-----|
| 548 | On the topological structure of attraction basins for differential inclusions. 2011 , 60, 1045-1050 | 26 |
| 547 | Dissipativity and quasi-synchronization for neural networks with discontinuous activations and parameter mismatches. 2011 , 24, 1013-21 | 159 |
| 546 | Global exponential stability of switched systems. 2011 , 32, 1197-1206 | 4 |
| 545 | Local synchronization of one-to-one coupled neural networks with discontinuous activations. 2011 , 5, 13-20 | 25 |
| 544 | Finite-time synchronization of coupled neural networks via discontinuous controllers. 2011 , 5, 373-85 | 86 |
| 543 | Sliding mode control: A survey with applications in math. 2011 , 81, 954-979 | 138 |
| 542 | Synchronization of networked piecewise smooth systems. 2011 , | 1 |
| 541 | State feedback stabilization of a class of discontinuous systems. 2011 , | |
| 540 | Exploiting the passive dynamics of a compliant leg to develop gait transitions. 2011 , 83, 066707 | 8 |
| 539 | A note on the deployment of kinematic agents by binary information. 2011 , | 2 |
| 538 | Distributed multi-agent coordination: A comparison lemma based approach. 2011 , | 1 |
| 537 | Finite time stabilization of perturbed double integrator with jumps in velocity. 2011 , | 3 |
| 536 | Existence and global stability of equilibrium point for delayed competitive neural networks with discontinuous activation functions. 2012 , 43, 459-474 | 43 |
| 535 | Inertia-Free Spacecraft Attitude Control with Control Moment Gyroscope Actuation. 2012 , | 5 |
| 534 | Dynamical collapse of trajectories. 2012 , 98, 20001 | 1 |
| 533 | Distributed finite-time cooperative tracking of networked Lagrange systems via local interactions. 2012 , | 4 |
| 532 | Robust stability and H_∞ control of uncertain piecewise linear switched systems with Filippov solutions. 2012 , | 1 |
| 531 | Attitude State Estimation with Multirate Measurements for Almost Global Attitude Feedback Tracking. 2012 , 35, 868-880 | 22 |

| | | |
|-----|--|-----|
| 530 | Distributed coverage while not being covered. 2012, | 0 |
| 529 | Robust Stability Analysis of Nonlinear Switched Systems with Filippov Solutions. 2012, 45, 288-293 | 2 |
| 528 | Generalized Filippov Solution in Stability Analysis and Stabilization of Piecewise Continuous Time-delay Systems. 2012, 45, 19-24 | 1 |
| 527 | Chattering-Free Digital Sliding-Mode Control With State Observer and Disturbance Rejection. 2012, 57, 1087-1101 | 126 |
| 526 | Coordination of Passive Systems under Quantized Measurements. 2012, 50, 3155-3177 | 37 |
| 525 | Guard synthesis for safety of hybrid systems using sum of squares programming. 2012, | 3 |
| 524 | Persistent graphs and consensus convergence. 2012, | 4 |
| 523 | Quasi-synchronization of switched linearly coupled complex networks. 2012, | |
| 522 | On global consensus of linear multi-agent systems subject to input saturation. 2012, | 2 |
| 521 | Continuous-time distributed convex optimization on weight-balanced digraphs. 2012, | 11 |
| 520 | Distributed containment control with multiple stationary or dynamic leaders in fixed and switching directed networks. 2012, 48, 1586-1597 | 353 |
| 519 | Distributed Adaptive Control of Synchronization in Complex Networks. 2012, 57, 2153-2158 | 259 |
| 518 | Switching, relay and complementarity systems: A tutorial on their well-posedness and relationships. 2012, 241, 1985-2002 | 15 |
| 517 | Synchronization of sampled-data coupled harmonic oscillators with control inputs missing. 2012, 61, 1277-1285 | 75 |
| 516 | Quantization effects on synchronized motion of teams of mobile agents with second-order dynamics. 2012, 61, 1157-1167 | 35 |
| 515 | Filippov systems and quasi-synchronization control for switched networks. 2012, 22, 033110 | 49 |
| 514 | On second-order sliding mode observers with residuals projection for switched systems. 2012, | 1 |
| 513 | Robust H_{∞} control of uncertain switched systems defined on polyhedral sets with Filippov solutions. 2012, 51, 722-31 | 8 |

| | | |
|-----|---|----|
| 512 | Direct adaptive neuro-fuzzy trajectory tracking of uncertain nonlinear systems. 2012 , 26, 660-688 | 11 |
| 511 | On formalism and stability of switched systems. 2012 , 10, 176-183 | 16 |
| 510 | Strong convergence of split-step backward Euler method for stochastic differential equations with non-smooth drift. 2012 , 236, 1903-1918 | 16 |
| 509 | Flocking based distributed self-deployment algorithms in mobile sensor networks. 2012 , 72, 437-449 | 7 |
| 508 | Impulsive synchronization motion in networked open-loop multibody systems. 2013 , 30, 37-52 | 19 |
| 507 | Consensus with quantized relative state measurements. 2013 , 49, 2531-2537 | 47 |
| 506 | On the periodic dynamics of a general Cohen-Grossberg BAM neural networks via differential inclusions. 2013 , 118, 203-214 | 20 |
| 505 | Periodic dynamics of delayed Lotka-Volterra competition systems with discontinuous harvesting policies via differential inclusions. 2013 , 54, 39-56 | 7 |
| 504 | Configuration Constrained Stabilization of a Wheeled Mobile Robot Theory and Experiment. 2013 , 21, 275-280 | 6 |
| 503 | Finite-time consensus for switching network topologies with disturbances. 2013 , 10, 83-93 | 37 |
| 502 | Inertia-Free Spacecraft Attitude Control Using Reaction Wheels. 2013 , 36, 1425-1439 | 38 |
| 501 | Asymptotic stabilization with locally semiconcave control Lyapunov functions on general manifolds. 2013 , 62, 902-909 | 29 |
| 500 | Robust Consensus for Continuous-Time Multiagent Dynamics. 2013 , 51, 3673-3691 | 81 |
| 499 | Dynamical behaviors for discontinuous and delayed neural networks in the framework of Filippov differential inclusions. 2013 , 48, 180-94 | 8 |
| 498 | Uniform invariance principle of discontinuous systems with parameter variation. 2013 , 29, 717-724 | |
| 497 | Granular Free Surfaces. 2013 , 55, 168-184 | |
| 496 | Continuous-time distributed optimization of homogenous dynamics. 2013 , | |
| 495 | Dissipative differential inclusions, set-valued energy storage and supply rate maps, and stability of discontinuous feedback systems. 2013 , 8, 83-108 | 4 |

| | | |
|-----|---|-----|
| 494 | Group consensus in multi-agent systems with hybrid protocol. 2013 , 350, 575-597 | 53 |
| 493 | Continuous approximation of collective system behaviour: A tutorial. 2013 , 70, 317-349 | 111 |
| 492 | Coordinaci3n de sistemas con diferentes din3micas utilizando conceptos de invarianza geom3trica y modos deslizantes. 2013 , 10, 390-401 | 1 |
| 491 | Reaching an Optimal Consensus: Dynamical Systems That Compute Intersections of Convex Sets. 2013 , 58, 610-622 | 166 |
| 490 | Adaptive Deployment of Mobile Robotic Networks. 2013 , 58, 654-666 | 27 |
| 489 | Distributed Tracking Control for Linear Multiagent Systems With a Leader of Bounded Unknown Input. 2013 , 58, 518-523 | 319 |
| 488 | Feedback stabilization for a class of discontinuous systems driven by integrator. 2013 , 11, 268-274 | 2 |
| 487 | Adaptive H ∞ Control of Piecewise-Linear Systems with Parametric Uncertainties and External Disturbances. 2013 , 15, 1238-1245 | 8 |
| 486 | Stability of discontinuous nonlinear singular systems. 2013 , 26, 527-533 | 0 |
| 485 | Tracking the average of time-varying nonsmooth signals for double-integrator agents with a fixed topology. 2013 , | 1 |
| 484 | . 2013 , | 16 |
| 483 | Synchronization of sampled-data networked harmonic oscillators with controller failure and communication time delays. 2013 , | |
| 482 | Self-triggered best-response dynamics for mobile sensor deployment. 2013 , | 2 |
| 481 | Finite-time consensus for a network of perturbed double integrators by second-order sliding mode technique. 2013 , | 18 |
| 480 | Finite-time consensus with disturbance attenuation for directed switching network topologies by discontinuous local interactions. 2013 , | 8 |
| 479 | Finite-time stabilization of circular formations using bearing-only measurements. 2013 , | 3 |
| 478 | Integral input-to-state stable saddle-point dynamics for distributed linear programming. 2013 , | 1 |
| 477 | Distributed linear programming and bargaining in exchange networks. 2013 , | 2 |

| | | |
|-----|--|----|
| 476 | The geometrical criterion for stability of linear hybrid automata on the plane. 2013, | |
| 475 | Distributed consensus-based formation control for multiple nonholonomic mobile robots with a specified reference trajectory. 2013, 1-11 | 27 |
| 474 | Every Lipschitz metric has \mathcal{C}^1 -geodesics. 2014, 31, 057001 | 10 |
| 473 | Flocking of multi-agent systems with multiple groups. 2014, 87, 2573-2582 | 26 |
| 472 | Finite-time stabilisation of cyclic formations using bearing-only measurements. 2014, 87, 715-727 | 27 |
| 471 | Finite-time convergence control for acyclic persistent formations. 2014, | 7 |
| 470 | A necessary condition for optimal control problem on a class of discontinuous dynamical systems. 2014, | |
| 469 | Multistability analysis of discontinuous dynamical systems via finite trajectory length. 2014, | |
| 468 | Switching rule design for a class of switched systems with uncertain equilibrium. 2014, | 2 |
| 467 | Constrained proportional integral control of dynamical distribution networks with state constraints. 2014, | 1 |
| 466 | An LQ sub-optimal stabilizing feedback law for switched linear systems. 2014, | 3 |
| 465 | A universal feedback controller for discontinuous dynamical systems using nonsmooth control Lyapunov functions. 2014, | 1 |
| 464 | Distributed, anytime optimization in power-generator networks for economic dispatch. 2014, | 2 |
| 463 | Controlling triangular formations of autonomous agents in finite time using coarse measurements. 2014, | 8 |
| 462 | Adaptive Synchronization of Networked Euler-Lagrange Systems with Directed Switching Topology. 2014, 40, 2541-2548 | 9 |
| 461 | Contraction Analysis for a Class of NonDifferentiable Systems with Applications to Stability and Network Synchronization. 2014, 52, 3203-3227 | 24 |
| 460 | Multi-agent systems with compasses: Cooperative and cooperative-antagonistic networks. 2014, | 2 |
| 459 | Leader-following control of second-order integrator systems using binary information. 2014, | 1 |

| | | |
|-----|--|----|
| 458 | Finite-time consensus on the median value by discontinuous control. 2014 , | 15 |
| 457 | Group flocking of multiple mobile agents. 2014 , | 1 |
| 456 | Distributed coordination for economic dispatch with varying load and generator commitment. 2014 , | 7 |
| 455 | Distributed Consensus-Based Robust Adaptive Formation Control for Nonholonomic Mobile Robots with Partial Known Dynamics. 2014 , 2014, 1-12 | 9 |
| 454 | Distributed control of angle-constrained cyclic formations using bearing-only measurements. 2014 , 63, 12-24 | 50 |
| 453 | Weak almost periodic motions, minimality and stability in impulsive semidynamical systems. 2014 , 256, 1683-1701 | 3 |
| 452 | Global optimization of bounded factorable functions with discontinuities. 2014 , 58, 1-30 | 9 |
| 451 | Uniform attractors of discontinuous semidynamical systems. 2014 , 65, 47-59 | 3 |
| 450 | . 2014 , 59, 423-436 | 2 |
| 449 | A Switched LQ Regulator Design in Continuous Time. 2014 , 59, 1322-1328 | 17 |
| 448 | Periodicity and global exponential stability of generalized Cohen-Grossberg neural networks with discontinuous activations and mixed delays. 2014 , 51, 80-95 | 33 |
| 447 | Functional differential inclusions and dynamic behaviors for memristor-based BAM neural networks with time-varying delays. 2014 , 19, 1279-1300 | 67 |
| 446 | Finite time stabilization of a perturbed double integrator with unilateral constraints. 2014 , 95, 200-212 | 9 |
| 445 | Encyclopedia of Systems and Control. 2014 , 1-10 | 2 |
| 444 | Recent advances in sliding-mode based consensus strategies. 2014 , | 13 |
| 443 | Observer-based control for linear systems with quantized output. 2014 , | 7 |
| 442 | Adaptive coordinated tracking of multi-agent systems with quantized information. 2014 , 74, 115-125 | 21 |
| 441 | Sliding mode control design via piecewise smooth Lipschitz surfaces based on contingent cone criteria. 2014 , 12, 733-741 | 2 |

| | | |
|-----|---|-----|
| 440 | Distributed Continuous-Time Convex Optimization on Weight-Balanced Digraphs. 2014 , 59, 781-786 | 362 |
| 439 | Output consensus of heterogeneous linear systems with quantized information. 2014 , 351, 1400-1418 | 14 |
| 438 | On the existence, uniqueness and nature of Carathéodory and Filippov solutions for bimodal piecewise affine dynamical systems. 2014 , 68, 76-85 | 12 |
| 437 | Exponential synchronization of discontinuous chaotic systems via delayed impulsive control and its application to secure communication. 2014 , 19, 1529-1543 | 74 |
| 436 | Dynamic surface control of a piezoelectric fuel injector during rate shaping. 2014 , 30, 12-26 | 13 |
| 435 | Discontinuous dynamical systems for fault detection. A unified approach including fractional and integer order dynamics. 2014 , 95, 111-125 | 11 |
| 434 | On resolving singularities of piecewise-smooth discontinuous vector fields via small perturbations. 2014 , 34, 3803-3830 | 11 |
| 433 | References. 2014 , 305-320 | |
| 432 | Average consensus of continuous-time multi-agent systems with quantized communication. 2014 , 24, 3345-3371 | 15 |
| 431 | Well posedness conditions for Bimodal Piecewise Affine Systems. 2015 , 83, 9-18 | 5 |
| 430 | Stability and stabilization of Markovian jump singular systems with partly known transition probabilities. 2015 , | |
| 429 | Coincidence of the GeligĀeonovĀakubovich, Filippov, and AizermanĀyatnitskiy definitions. 2015 , 48, 66-71 | 8 |
| 428 | Discontinuous differential equations: comparison of solution definitions and localization of hidden Chua attractors. 2015 , 48, 408-413 | 5 |
| 427 | Switched adaptive strategies for contraction and incremental stability of Carathéodory systems using multiple norms. 2015 , | 1 |
| 426 | Adaptive motion coordination of passive systems under quantization effect. 2015 , 25, 1638-1653 | 7 |
| 425 | A Universal Feedback Controller for Discontinuous Dynamical Systems Using Nonsmooth Control Lyapunov Functions. 2015 , 137, | 2 |
| 424 | On the Computation of Set-Induced Control Lyapunov Functions for Continuous-Time Systems. 2015 , 53, 1305-1327 | 1 |
| 423 | Stabilization of continuous-time linear systems subject to input quantization. 2015 , 58, 167-172 | 31 |

| | | |
|-----|--|----|
| 422 | New exponential synchronization criteria for time-varying delayed neural networks with discontinuous activations. 2015 , 65, 105-14 | 36 |
| 421 | Converse control-Lyapunov function theorems for continuous-time switched linear systems. 2015 , | |
| 420 | Stabilization of Artstein's circle by continuous stochastic feedback. 2015 , | |
| 419 | Water drops on generic Lipschitz continuous surfaces in the sense of differential inclusion solutions. 2015 , | |
| 418 | Finite time distributed tracking control of nonlinear networks preserving topological connectedness. 2015 , | |
| 417 | Network Synchronization with Convexity. 2015 , 53, 3562-3583 | 7 |
| 416 | Generalized Minimum Projection Method and Its Application to Two Wheeled Mobile Robot Control. 2015 , 48, 168-173 | 2 |
| 415 | Local Stabilization of Switched Affine Systems. 2015 , 60, 1158-1163 | 18 |
| 414 | Distributed Average Tracking for Reference Signals With Bounded Accelerations. 2015 , 60, 863-869 | 52 |
| 413 | Dynamical behavior for a class of predator-prey system with general functional response and discontinuous harvesting policy. 2015 , 38, 4679-4701 | 7 |
| 412 | A generalized queuing model and its solution properties. 2015 , 79, 78-92 | 9 |
| 411 | Global connectivity control for spatially interacting multi-robot systems with unicycle kinematics. 2015 , | 19 |
| 410 | Lyapunov exponents of a class of piecewise continuous systems of fractional order. 2015 , 81, 227-237 | 32 |
| 409 | Global attractors for impulsive dynamical systems via precompact approach. 2015 , 259, 2602-2625 | 22 |
| 408 | Algebraical criteria of stability for delayed memristive neural networks. 2015 , 2015, | 3 |
| 407 | Phase-Lead Stabilization of Force-Projecting Master-Slave Systems With a New Sliding Mode Filter. 2015 , 23, 2182-2194 | 22 |
| 406 | Convergence and synchronization in heterogeneous networks of smooth and piecewise smooth systems. 2015 , 56, 1-11 | 44 |
| 405 | On the Use of Blowup to Study Regularizations of Singularities of Piecewise Smooth Dynamical Systems in \mathbb{R}^3 . 2015 , 14, 382-422 | 34 |

| | | |
|-----|---|----|
| 404 | Quantized insensitive consensus of Lipschitz nonlinear multi-agent systems using the incidence matrix. 2015 , 352, 4845-4863 | 28 |
| 403 | Continuous-time consensus dynamics with quantized all-to-all communication. 2015 , | 6 |
| 402 | Distributed output regulation for a class of nonlinear multi-agent systems with unknown-input leaders. 2015 , 62, 154-160 | 31 |
| 401 | The global existence, uniqueness and C^1 -regularity of geodesics in nonexpanding impulsive gravitational waves. 2015 , 32, 025003 | 10 |
| 400 | Unknown input observer design for one-sided Lipschitz nonlinear systems. 2015 , 79, 1469-1479 | 91 |
| 399 | Distributed formation control of networked Euler-Lagrange systems with fault diagnosis. 2015 , 352, 952-973 | 14 |
| 398 | . 2015 , 23, 1268-1282 | 53 |
| 397 | Distributed finite-time consensus tracking for nonlinear multi-agent systems with a time-varying reference state. 2016 , 47, 1856-1867 | 22 |
| 396 | The global uniqueness and C^1 -regularity of geodesics in expanding impulsive gravitational waves. 2016 , 33, 195010 | 11 |
| 395 | A Geometric Approach to Stationary Defect Solutions in One Space Dimension. 2016 , 15, 655-712 | 8 |
| 394 | Dissipativity in impulsive systems via Lyapunov functions. 2016 , 289, 213-231 | 3 |
| 393 | Distributed consensus-based formation control for nonholonomic wheeled mobile robots using adaptive neural network. 2016 , 86, 605-622 | 82 |
| 392 | Improved exponential observer design for one-sided Lipschitz nonlinear systems. 2016 , 26, 3958-3973 | 53 |
| 391 | A bounded confidence model that preserves the signs of the opinions. 2016 , | 7 |
| 390 | Quantization effects in rigid formation control. 2016 , | 1 |
| 389 | Robust distributed consensus on the median value for networks of heterogeneously perturbed agents. 2016 , | 2 |
| 388 | Event-triggered control for synchronization of coupled harmonic oscillators. 2016 , 97, 163-168 | 20 |
| 387 | Stabilization of LTI systems by relay feedback with perturbed measurements. 2016 , | |

| | | |
|-----|--|----|
| 386 | Observer-based relay feedback controller design for LTI systems. 2016, | 2 |
| 385 | Controller design for analgesia with quantized pupil size variation output and saturating infusion rate. 2016, 49, 748-753 | |
| 384 | Dynamic output-feedback controller design for analgesia guided by the pupil size variation. 2016, | |
| 383 | Switching control for incremental stabilization of nonlinear systems via contraction theory. 2016, | 3 |
| 382 | Lyapunov stability and generalized invariance principle for nonconvex differential inclusions. 2016, 14, 140-150 | 5 |
| 381 | H_2 and H_∞ control of time-varying delay switched linear systems with application to sampled-data control. 2016, 22, 43-54 | 16 |
| 380 | Contraction and incremental stability of switched Carathéodory systems using multiple norms. 2016, 70, 1-8 | 9 |
| 379 | Fixed-time consensus for a class of nonlinear uncertain multi-agent systems. 2016, | 5 |
| 378 | Integral sliding modes for the robustification of consensus-based multi-agent based systems. 2016, | 7 |
| 377 | A distributed continuous time consensus algorithm for maximize social welfare in micro grid. 2016, 353, 3966-3984 | 19 |
| 376 | Semicontinuity of attractors for impulsive dynamical systems. 2016, 261, 4338-4367 | 10 |
| 375 | Controllability of linearized systems implies local finite-time stabilizability: applications to finite-time attitude control. 2016, dnm047 | 2 |
| 374 | A discontinuous algorithm for distributed convex optimization. 2016, | 5 |
| 373 | Fundamental Problems Regarding Physics Simulators: From the Perspective of Relations Among Reality, Model, and Simulator. 2016, 34, 374-377 | |
| 372 | On Switching Stabilizability for Continuous-Time Switched Linear Systems. 2016, 61, 3515-3520 | 7 |
| 371 | Global dissipativity of fractional-order neural networks with time delays and discontinuous activations. 2016, 196, 159-166 | 40 |
| 370 | Reach Control Problem for Linear Differential Inclusion Systems on Simplices. 2016, 61, 1403-1408 | 9 |
| 369 | Observer-based finite-time coordinated tracking for general linear multi-agent systems. 2016, 66, 231-237 | 34 |

| | | |
|-----|--|-----|
| 368 | Quantized flocking control for second-order multiple agents with obstacle avoidance. 2016 , 8, 168781401562464 | |
| 367 | Periodicity and multi-periodicity of generalized Cohen-Grossberg neural networks via functional differential inclusions. 2016 , 85, 67-86 | 14 |
| 366 | A Generalized Hopfield Network for Nonsmooth Constrained Convex Optimization: Lie Derivative Approach. 2016 , 27, 308-21 | 98 |
| 365 | Filtering and fault estimation of descriptor switched systems. 2016 , 63, 116-121 | 33 |
| 364 | Adaptive distributed formation control for multiple nonholonomic wheeled mobile robots. 2016 , 173, 1485-1494 | 60 |
| 363 | Nonsmooth Finite-Time Synchronization of Switched Coupled Neural Networks. 2016 , 46, 2360-2371 | 178 |
| 362 | Global Mittag-Leffler synchronization of fractional-order neural networks with discontinuous activations. 2016 , 73, 77-85 | 72 |
| 361 | Binary Control Design for a Class of Bilinear Systems: Application to a Multilevel Power Converter. 2016 , 24, 719-726 | 13 |
| 360 | A Collective Neurodynamic Approach to Distributed Constrained Optimization. 2017 , 28, 1747-1758 | 106 |
| 359 | Distributed formation control of nonholonomic autonomous vehicle via RBF neural network. 2017 , 87, 81-95 | 44 |
| 358 | Leader-following control of perturbed second-order integrator systems with binary relative information. 2017 , 48, 485-493 | 4 |
| 357 | On optimal predefined-time stabilization. 2017 , 27, 3620 | 53 |
| 356 | Multivalued Robust Tracking Control of Lagrange Systems: Continuous and Discrete-Time Algorithms. 2017 , 62, 4436-4450 | 31 |
| 355 | Flocking of multi-agent nonholonomic systems with unknown leader dynamics and relative measurements. 2017 , 27, 3685 | 17 |
| 354 | Fixed-time stability of dynamical systems and fixed-time synchronization of coupled discontinuous neural networks. 2017 , 89, 74-83 | 179 |
| 353 | Rational Behavior Adjustment Process with Boundedly Rational User Equilibrium. 2017 , 51, 968-980 | 27 |
| 352 | Novel switching design for finite-time stabilization: Applications to memristor-based neural networks with time-varying delay. 2017 , 27, 023112 | 1 |
| 351 | Novel Adaptive Control and State-Feedback Control Strategies to Finite-Time Stabilization of Discontinuous Delayed Networks. 2017 , 47, 1644-1654 | 9 |

| | | |
|-----|---|-----|
| 350 | Distributed average tracking for double-integrator multi-agent systems with reduced requirement on velocity measurements. 2017 , 81, 1-7 | 30 |
| 349 | Saddle-Point Dynamics: Conditions for Asymptotic Stability of Saddle Points. 2017 , 55, 486-511 | 60 |
| 348 | . 2017 , 33, 994-1001 | 14 |
| 347 | Distributed Robust Fixed-Time Consensus for Nonlinear and Disturbed Multiagent Systems. 2017 , 47, 1464-1473 | 147 |
| 346 | Quantizer design for asymptotic stability of quantized linear systems with saturations. 2017 , 104, 95-103 | 3 |
| 345 | Distributed reconfigurable control strategies for switching topology networked multi-agent systems. 2017 , 71, 51-67 | 15 |
| 344 | Distributed Initialization-Free Cost-Optimal Charging Control of Plug-In Electric Vehicles for Demand Management. 2017 , 13, 2791-2801 | 25 |
| 343 | Solutions leaving a codimension- $(\text{varvec{2}})$ sliding. 2017 , 88, 1427-1439 | 4 |
| 342 | Robust fixed-time synchronization for uncertain complex-valued neural networks with discontinuous activation functions. 2017 , 90, 42-55 | 114 |
| 341 | Phase reduction theory for hybrid nonlinear oscillators. 2017 , 95, 012212 | 21 |
| 340 | Finite-Time Consensus on the Median Value With Robustness Properties. 2017 , 62, 1652-1667 | 41 |
| 339 | Bounded Control Law for Global Connectivity Maintenance in Cooperative Multirobot Systems. 2017 , 33, 700-717 | 37 |
| 338 | A piecewise smooth control-Lyapunov function framework for switching stabilization. 2017 , 76, 258-265 | 16 |
| 337 | On robust stability of switched systems in the context of Filippov solutions. 2017 , 109, 17-23 | 8 |
| 336 | Distributed average tracking with input saturation. 2017 , 90, 2827-2839 | 7 |
| 335 | Metastability for discontinuous dynamical systems under Lévy noise: Case study on Amazonian Vegetation. 2017 , 7, 9336 | 12 |
| 334 | Time-optimal velocity tracking control for differential drive robots. 2017 , 85, 153-157 | 13 |
| 333 | Analytical Methods for Network Congestion Control. 2017 , 10, 1-213 | 8 |

- 332 Continuous-time algorithm for distributed nonsmooth optimization via decomposition design. **2017**,
- 331 Adaptive output feedback regulation for a class of nonlinear systems subject to input and output quantization. **2017**, 354, 6536-6549 18
- 330 Nonsmooth Barrier Functions With Applications to Multi-Robot Systems. **2017**, 1, 310-315 68
- 329 Swarm Equilibria in Domains with Boundaries. **2017**, 16, 1260-1308 4
- 328 Consensus dynamics with arbitrary sign-preserving nonlinearities. **2017**, 83, 226-233 7
- 327 Global attractivity of memristor-based fractional-order neural networks. **2017**, 227, 64-73 12
- 326 Decentralised consensus-based formation tracking of multiple differential drive robots. **2017**, 90, 2461-2470 16
- 325 Distributed Continuous-Time Convex Optimization With Time-Varying Cost Functions. **2017**, 62, 1590-1605 110
- 324 Robust adaptive output feedback control for uncertain nonlinear systems with quantized input. **2017**, 27, 1999-2016 22
- 323 Coordination of heterogeneous nonlinear multi-agent systems with prescribed behaviours. **2017**, 90, 2197-2205 2
- 322 Event-Based Consensus for Linear Multiagent Systems Without Continuous Communication. **2017**, 47, 2132-2142 84
- 321 Dynamics of Metabolism and Decision Making During Alcohol Consumption: Modeling and Analysis. **2017**, 47, 3955-3966 12
- 320 Robust containment of uncertain linear multi-agent systems under adaptive protocols. **2017**, 27, 2053-2069 20
- 319 A Multi-Agent System With a Proportional-Integral Protocol for Distributed Constrained Optimization. **2017**, 62, 3461-3467 151
- 318 Nonlinear consensus protocols with applications to quantized systems * *This work was supported by the Knut and Alice Wallenberg Foundation, the Swedish Foundation for Strategic Research, and the Swedish Research Council.. **2017**, 50, 15440-15445 0
- 317 Stability Criterion for Nonsmooth Systems and Nash Equilibrium Seeking via Projected Gradient Dynamics * *This work was supported by Beijing Natural Science Foundation (4152057), NSFC (61333001), Program 973 (2014CB845301/2/3), and the China Postdoctoral Science Foundation (No.2016M591272).. **2017**, 50, 6134-6139
- 316 Canards in Stiction: On Solutions of a Friction Oscillator by Regularization. **2017**, 16, 2233-2258 9
- 315 Operational Models for Piecewise-Smooth Systems. **2017**, 16, 1-19 1

| | | |
|-----|---|----|
| 314 | An exact penalty method for constrained distributed optimization. 2017, | 3 |
| 313 | Global Problems for Differential Inclusions. Kalman and Vyshnegradskii Problems and Chua Circuits. 2017, 53, 1671-1702 | 8 |
| 312 | Finite-time attitude synchronization with a discontinuous protocol. 2017, | 1 |
| 311 | Secondary frequency regulation in power networks with on-off load side participation. 2017, | 1 |
| 310 | Distributed saddle-point seeking via a continuous-time multi-agent system. 2017, | 1 |
| 309 | Passive velocity field control with discontinuous desired fields: Non-smooth potential gradient vector field. 2017, | |
| 308 | Thermodynamics: The Unique Universal Science. 2017, 19, 621 | 12 |
| 307 | Control of Energy Storage Systems for Aeronautic Applications. 2017, 2017, 1-9 | 10 |
| 306 | Finite-Time Attitude Synchronization With Distributed Discontinuous Protocols. 2018, 63, 3608-3615 | 10 |
| 305 | A Motion Planning Strategy for the Active Vision-Based Mapping of Ground-Level Structures. 2018, 15, 356-368 | 14 |
| 304 | Signed bounded confidence models for opinion dynamics. 2018, 93, 114-125 | 27 |
| 303 | Fixed-time group consensus for multi-agent systems with non-linear dynamics and uncertainties. 2018, 12, 395-404 | 34 |
| 302 | Generalized Sensitivity Analysis of Nonlinear Programs. 2018, 28, 272-301 | 7 |
| 301 | Fractional-order PWC systems without zero Lyapunov exponents. 2018, 92, 1061-1078 | 17 |
| 300 | A General Approach to Coordination Control of Mobile Agents With Motion Constraints. 2018, 63, 1509-1516 | 46 |
| 299 | Multiple types of synchronization analysis for discontinuous Cohen-Grossberg neural networks with time-varying delays. 2018, 99, 101-113 | 14 |
| 298 | Chase Your Farthest Neighbour. 2018, 103-116 | 4 |
| 297 | Well-Posedness and Output Regulation for Implicit Time-Varying Evolution Variational Inequalities. 2018, 56, 751-781 | 20 |

| | | |
|-----|--|-----|
| 296 | Consensus and Disagreement: The Role of Quantized Behaviors in Opinion Dynamics. 2018 , 56, 1058-1080 | 7 |
| 295 | Finite-time synchronization by switching state-feedback control for discontinuous Cohen-Crossberg neural networks with mixed delays. 2018 , 9, 1683-1695 | 11 |
| 294 | . 2018 , 12, 2428-2436 | 13 |
| 293 | Distributed formation tracking of multi-robot systems with nonholonomic constraint via event-triggered approach. 2018 , 275, 121-131 | 34 |
| 292 | Finite-Time Stabilization of Delayed Memristive Neural Networks: Discontinuous State-Feedback and Adaptive Control Approach. 2018 , 29, 856-868 | 53 |
| 291 | Almost periodic dynamics of the delayed complex-valued recurrent neural networks with discontinuous activation functions. 2018 , 30, 3339-3352 | 5 |
| 290 | Robust Finite-Time Stabilization of Fractional-Order Neural Networks With Discontinuous and Continuous Activation Functions Under Uncertainty. 2018 , 29, 1477-1490 | 56 |
| 289 | Finite-time and fixed-time leader-following consensus for multi-agent systems with discontinuous inherent dynamics. 2018 , 91, 1259-1270 | 55 |
| 288 | A dynamical system perspective on mathematical programming. 2018 , 33, 207-227 | |
| 287 | Collective Behaviors of Mobile Robots Beyond the Nearest Neighbor Rules With Switching Topology. 2018 , 48, 1577-1590 | 115 |
| 286 | A Connection Between Dynamic Region-Following Formation Control and Distributed Average Tracking. 2018 , 48, 1760-1772 | 38 |
| 285 | Some results on the Sign recurrent neural network for unconstrained minimization. 2018 , 287, 1-21 | 2 |
| 284 | Computationally relevant generalized derivatives: theory, evaluation and applications. 2018 , 33, 1030-1072 | 29 |
| 283 | A New Parabolic Sliding Mode Filter Augmented by a Linear Low-Pass Filter and Its Application to Position Control. 2018 , 140, | 9 |
| 282 | Finite-time robust synchronization for discontinuous neural networks with mixed-delays and uncertain external perturbations. 2018 , 275, 2624-2634 | 19 |
| 281 | Global Mild Solutions for a Nonautonomous 2D Navier-Stokes Equations with Impulses at Variable Times. 2018 , 20, 801-818 | 1 |
| 280 | Stabilization of switched affine systems with disturbed state-dependent switching laws. 2018 , 28, 582-595 | 16 |
| 279 | Necessary and sufficient conditions for global asymptotic stability of a class of bimodal systems with discontinuous vector fields. 2018 , 35, 1129-1155 | |

| | | |
|-----|---|----|
| 278 | Distributed Continuous-Time Constrained Convex Optimization via Nonsmooth Analysis. 2018, | |
| 277 | Multi-agent Network Flow Design to Solve Matrix Equation Based on Nonsmooth Convex Optimization. 2018, | 0 |
| 276 | Max-Min Lyapunov Functions for Switching Differential Inclusions. 2018, | 2 |
| 275 | Boolean Composability of Constraints and Control Synthesis for Multi-Robot Systems via Nonsmooth Control Barrier Functions. 2018, | 7 |
| 274 | Distributed Optimization with Finite-Time Convergence via Discontinuous Dynamics. 2018, | 5 |
| 273 | Robust Global Finite-time Attitude Coordination for Multiple Spacecraft. 2018, | 0 |
| 272 | On Controlling Autonomous Unmanned Aerial Vehicle Formation with Coarse Information. 2018, | |
| 271 | Adaptive and quasi-sliding control of shimmy in landing gears. 2018, | 0 |
| 270 | On geodesics in low regularity. 2018, 968, 012010 | 9 |
| 269 | Distributed Object Transport of Mobile Manipulators with Optimal Manipulable Coordination. 2018 | 1 |
| 268 | Robot ecology: Constraint-based control design for long duration autonomy. 2018, 46, 1-7 | 26 |
| 267 | Stabilization by a relay control using non-quadratic Lyapunov functions. 2018, 97, 353-366 | 0 |
| 266 | Set-Valued Sliding-Mode Control of Uncertain Linear Systems: Continuous and Discrete-Time Analysis. 2018, 56, 1756-1793 | 17 |
| 265 | Practical Sample-and-Hold Stabilization of Nonlinear Systems Under Approximate Optimizers. 2018 , 2, 569-574 | 6 |
| 264 | Lyapunov Exponents of a Discontinuous 4D Hyperchaotic System of Integer or Fractional Order. 2018, 20, | 10 |
| 263 | Quantization effects and convergence properties of rigid formation control systems with quantized distance measurements. 2018, 28, 4865-4884 | 5 |
| 262 | Convergence, Stability, and Robustness of Multidimensional Opinion Dynamics in Continuous Time. 2018, 56, 1938-1967 | 5 |
| 261 | Synchronization of Networks of Piecewise-Smooth Systems. 2018, 2, 653-658 | 5 |

| | | |
|-----|---|----|
| 260 | Finite-Time Decentralized Control of IT2 T-S Fuzzy Interconnected Systems With Discontinuous Interconnections. 2019 , 49, 3547-3556 | 20 |
| 259 | Cooperative-Competitive Multiagent Systems for Distributed Minimax Optimization Subject to Bounded Constraints. 2019 , 64, 1358-1372 | 24 |
| 258 | Leader Tracking of Euler-Lagrange Agents on Directed Switching Networks Using a Model-Independent Algorithm. 2019 , 6, 561-571 | 3 |
| 257 | Nonlinear Consensus Protocols With Applications to Quantized Communication and Actuation. 2019 , 6, 598-608 | 4 |
| 256 | Distributed Average Tracking of Physical Second-Order Agents With Heterogeneous Unknown Nonlinear Dynamics Without Constraint on Input Signals. 2019 , 64, 1178-1184 | 22 |
| 255 | Continuous-Time Distributed Subgradient Algorithm for Convex Optimization With General Constraints. 2019 , 64, 1694-1701 | 47 |
| 254 | Weak Topological Conjugacy Via Character of Recurrence on Impulsive Dynamical Systems. 2019 , 50, 399-417 | 1 |
| 253 | . 2019 , 15, 2605-2616 | 45 |
| 252 | Finite-Time Consensus of Opinion Dynamics and its Applications to Distributed Optimization Over Digraph. 2019 , 49, 3767-3779 | 27 |
| 251 | An Approach to Study Species Persistence in Unconstrained Random Networks. 2019 , 9, 14110 | |
| 250 | On Switching between Motion and Force Control. 2019 , | 2 |
| 249 | . 2019 , 3, 948-953 | 9 |
| 248 | Closed-Form Barrier Functions for Multi-Agent Ellipsoidal Systems With Uncertain Lagrangian Dynamics. 2019 , 3, 727-732 | 13 |
| 247 | Distributed Flow Network Balancing With Minimal Effort. 2019 , 64, 3529-3543 | 3 |
| 246 | . 2019 , 4, 1303-1310 | 12 |
| 245 | On distributed coordination in networks of cyber-physical systems. 2019 , 29, 053126 | 4 |
| 244 | Global Practical Tracking for a Class of Switched Nonlinear Systems with Quantized Input and Output via Sampled-data Control. 2019 , 17, 1264-1271 | 11 |
| 243 | Distributed continuous-time algorithm for a general nonsmooth monotropic optimization problem. 2019 , 29, 3252-3266 | 11 |

| | | |
|-----|---|----|
| 242 | Modeling stochastic operation of reservoir under ambiguity with an emphasis on river management. 2019 , 40, 764-790 | 11 |
| 241 | Adaptive Exact Penalty Design for Constrained Distributed Optimization. 2019 , 64, 4661-4667 | 13 |
| 240 | Distributed Neurodynamic Optimization for Energy Internet Management. 2019 , 49, 1624-1633 | 19 |
| 239 | Continuous-Time Algorithm For Distributed Constrained Optimization Over Directed Graphs. 2019 , | 0 |
| 238 | Dynamic Consensus on the Median Value in Open Multi-Agent Systems. 2019 , | 1 |
| 237 | Design of Continuous-time ADMM and Convergence Analysis Based on Passivity. 2019 , 55, 286-293 | 1 |
| 236 | Robust Barrier Functions for a Fully Autonomous, Remotely Accessible Swarm-Robotics Testbed. 2019 , | 12 |
| 235 | Stability Analysis Via Refinement Of Piece-wise Linear Lyapunov Functions. 2019 , | 1 |
| 234 | Reference Tracking for Linear Time Invariant Systems with a Relay Control*. 2019 , | |
| 233 | Robust Containment Control in Multi-Agent Systems with Common Coordinate Frames and Bearing Angle Measurements. 2019 , | 1 |
| 232 | . 2019 , | |
| 231 | A Brush-Type Tire Model with Nonsmooth Representation. 2019 , 2019, 1-13 | 3 |
| 230 | A First-Order Differentiator with First-Order Sliding Mode Filtering. 2019 , 52, 771-776 | 3 |
| 229 | Backstepping Design for the Predefined-Time Stabilization of Second-Order Systems. 2019 , | 3 |
| 228 | On Sufficient Conditions for Mixed Monotonicity. 2019 , 64, 5080-5085 | 14 |
| 227 | Generalised multivariable supertwisting algorithm. 2019 , 29, 634-660 | 6 |
| 226 | Distributed constrained optimization for multi-agent networks with nonsmooth objective functions. 2019 , 124, 60-67 | 14 |
| 225 | Finite-Time Rigidity-Based Formation Maneuvering of Multiagent Systems Using Distributed Finite-Time Velocity Estimators. 2019 , 49, 4473-4484 | 18 |

| | | |
|-----|--|----|
| 224 | Distributed Coordination for Nonsmooth Convex Optimization via Saddle-Point Dynamics. 2019 , 29, 1247-1272 | 23 |
| 223 | Well posedness conditions for planar conewise linear systems. 2019 , 41, 2093-2099 | 1 |
| 222 | Consensus-Based Distributed Optimal Energy Management With Less Communication in a Microgrid. 2019 , 15, 3356-3367 | 19 |
| 221 | Trajectory Tracking Control of a One Degree of Freedom Manipulator Based on a Switched Sliding Mode Controller With a Novel Extended State Observer Framework. 2019 , 49, 1110-1118 | 29 |
| 220 | Robust Neuro-Adaptive Containment of Multileader Multiagent Systems With Uncertain Dynamics. 2019 , 49, 406-417 | 52 |
| 219 | Finite-Time Connectivity-Preserving Consensus for Second-Order Nonlinear Multiagent Systems. 2019 , 6, 236-248 | 36 |
| 218 | TS Fuzzy Model-Based Controller Design for a Class of Nonlinear Systems Including Nonsmooth Functions. 2020 , 50, 233-244 | 16 |
| 217 | Projected Primal-Dual Dynamics for Distributed Constrained Nonsmooth Convex Optimization. 2020 , 50, 1776-1782 | 16 |
| 216 | Edge-Based Finite-Time Protocol Analysis With Final Consensus Value and Settling Time Estimations. 2020 , 50, 1450-1459 | 33 |
| 215 | Practical stability analysis of sliding-mode control with explicit computation of sampling time. 2020 , 22, 1692-1699 | 2 |
| 214 | Distributed Convex Optimization on State-Dependent Undirected Graphs: Homogeneity Technique. 2020 , 7, 42-52 | 7 |
| 213 | Online Optimization as a Feedback Controller: Stability and Tracking. 2020 , 7, 422-432 | 28 |
| 212 | Distributed Sliding Mode Control for Nonlinear Heterogeneous Platoon Systems With Positive Definite Topologies. 2020 , 28, 1272-1283 | 24 |
| 211 | Distributed Continuous-Time Nonsmooth Convex Optimization With Coupled Inequality Constraints. 2020 , 7, 74-84 | 12 |
| 210 | Secondary Frequency Control With On-Off Load Side Participation in Power Networks. 2020 , 7, 603-613 | 5 |
| 209 | A Distributed Framework for k -hop Control Strategies in Large-Scale Networks Based on Local Interactions. 2020 , 65, 1825-1840 | 1 |
| 208 | Lyapunov-Krasovskii stability analysis of delayed Filippov system: Applications to neural networks with switching control. 2020 , 30, 699-718 | 4 |
| 207 | Comparison of fluid approximations for service systems with state-dependent service rates and return probabilities. 2020 , 283, 562-575 | 2 |

| | | |
|-----|--|----|
| 206 | Quantized learning control for flexible air-breathing hypersonic vehicle with limited actuator bandwidth and prescribed performance. 2020 , 97, 105629 | 22 |
| 205 | Finite-Time Stability of Network Systems With Discontinuous Dynamics Over Signed Digraphs. 2020 , 65, 4874-4881 | 6 |
| 204 | Generalized Lyapunov approach for functional differential inclusions. 2020 , 113, 108740 | 8 |
| 203 | Spacecraft Attitude Control With Nonconvex Constraints: An Explicit Reference Governor Approach. 2020 , 65, 3677-3684 | 6 |
| 202 | Barrier Function Based Collaborative Control of Multiple Robots Under Signal Temporal Logic Tasks. 2020 , 7, 1916-1928 | 8 |
| 201 | Model Reference Adaptive Control of Switched Dynamical Systems with Applications to Aerial Robotics. 2020 , 100, 1265-1281 | 2 |
| 200 | Visual Coverage Maintenance for Quadcopters Using Nonsmooth Barrier Functions. 2020 , | 1 |
| 199 | Distributed Formation Navigation of Constrained Second-Order Multiagent Systems With Collision Avoidance and Connectivity Maintenance. 2020 , PP, | 15 |
| 198 | Finite-time consensus protocols for multi-dimensional multi-agent systems. 2020 , 18, 419-430 | |
| 197 | Bearing-Only Consensus and Formation Control under Directed Topologies. 2020 , | 3 |
| 196 | Maximin Lyapunov functions for switched systems and related differential inclusions. 2020 , 120, 109123 | 3 |
| 195 | Continuous-Time Optimization of Time-Varying Cost Functions via Finite-Time Stability with Pre-Defined Convergence Time. 2020 , | 2 |
| 194 | Distributed proximal-gradient algorithms for nonsmooth convex optimization of second-order multiagent systems. 2020 , 30, 7574-7592 | 3 |
| 193 | A Stiction Oscillator with Canards: On Piecewise Smooth Nonuniqueness and Its Resolution by Regularization Using Geometric Singular Perturbation Theory. 2020 , 62, 869-897 | 6 |
| 192 | Finite-Time and Fixed-Time Stabilization of Discontinuous Neural Networks With Nonlinear Coupling via Switching Approach. 2020 , 8, 184231-184241 | |
| 191 | Adaptive controller design for fixed-time leader-following consensus of multi-agent systems with discontinuous dynamics. 2020 , 1-10 | 2 |
| 190 | Resilient Finite-Time Consensus: A Discontinuous Systems Perspective. 2020 , | 3 |
| 189 | On the Robust Implementation of Projected Dynamical Systems with Anti-Windup Controllers. 2020 , | 2 |

| | | |
|-----|---|----|
| 188 | Novel Fixed-Time Stability Criteria for Discontinuous Nonautonomous Systems: Lyapunov Method With Indefinite Derivative. 2020 , PP, | 6 |
| 187 | Finite-Time and Fixed-Time Synchronization of Complex-Valued Recurrent Neural Networks with Discontinuous Activations and Time-Varying Delays. 2020 , 39, 5406-5428 | 19 |
| 186 | Fixed-Time Stabilization of Nonlinear System and its Application into General Neural Networks. 2020 , 8, 58171-58179 | 7 |
| 185 | An Improved Sliding Mode Differentiator Combined with Sliding Mode Filter for Estimating First and Second-order Derivatives of Noisy Signals. 2020 , 18, 3001-3014 | 4 |
| 184 | Event-triggered synchronization in fixed time for semi-Markov switching dynamical complex networks with multiple weights and discontinuous nonlinearity. 2020 , 90, 105400 | 27 |
| 183 | Continuous-Time Optimization Dynamics Mirroring ADMM Architecture and Passivity-Based Robustification Against Delays. 2020 , 7, 1296-1307 | 3 |
| 182 | Distributed algorithm design for optimal resource allocation problems via incremental passivity theory. 2020 , 138, 104650 | 3 |
| 181 | Min-Consensus for Heterogeneous Higher-Order Integrators Under Switching Digraph. 2020 , 4, 560-565 | 2 |
| 180 | A Distributed Continuous-Time Algorithm for Nonsmooth Constrained Optimization. 2020 , 65, 4914-4921 | 3 |
| 179 | Distributed optimal load frequency control considering nonsmooth cost functions. 2020 , 136, 104607 | 3 |
| 178 | Distributed adaptive integral-type event-triggered cooperative output regulation of switched multiagent systems by agent-dependent switching with dwell time. 2020 , 30, 2550-2569 | 4 |
| 177 | A Lyapunov-Like Characterization of Predefined-Time Stability. 2020 , 65, 4922-4927 | 51 |
| 176 | Event-triggered coordinated attitude control for satellite formation under switching topology. 2020 , 2, e34 | 4 |
| 175 | Time-varying continuous-time optimisation with pre-defined finite-time stability. 2020 , 1-18 | 3 |
| 174 | On the design of nonautonomous fixed-time controllers with a predefined upper bound of the settling time. 2020 , 30, 3871-3885 | 19 |
| 173 | Memory-Augmented System Identification With Finite-Time Convergence. 2021 , 5, 571-576 | 12 |
| 172 | Distributed Resource Allocation Over Directed Graphs via Continuous-Time Algorithms. 2021 , 51, 1097-1106 | 29 |
| 171 | . 2021 , 29, 1936-1951 | 2 |

| | | |
|-----|---|---|
| 170 | An analysis of the periodically forced PP04 climate model, using the theory of non-smooth dynamical systems. 2021 , 86, 76-120 | 3 |
| 169 | On the fixed-time consensus problem for nonlinear uncertain multiagent systems under switching topology. 2021 , 31, 3841-3858 | 1 |
| 168 | Finite-/Fixed-Time Synchronization of Delayed Coupled Discontinuous Neural Networks With Unified Control Schemes. 2021 , 32, 2535-2546 | 5 |
| 167 | Non-Smooth Projected Primal-Dual Dynamical Approach to Solve the Extended Fermat-Torricelli Problem. 2021 , 5, 1109-1114 | 2 |
| 166 | Distributed Discontinuous Coupling for Convergence in Heterogeneous Networks. 2021 , 5, 1037-1042 | 3 |
| 165 | Asymptotic Tracking of Second-Order Nonsmooth Feedback Stabilizable Unknown Systems With Prescribed Transient Response. 2021 , 66, 3296-3302 | 2 |
| 164 | . 2021 , 66, 2933-2944 | 1 |
| 163 | Circumnavigation on Multiple Circles Around a Nonstationary Target With Desired Angular Spacing. 2021 , 51, 222-232 | 5 |
| 162 | Distributed Optimization of Multiagent Systems Subject to Inequality Constraints. 2021 , 51, 2232-2241 | 4 |
| 161 | Distributed accelerating of quantized second-order consensus with bounded input. 2021 , 23, 399-411 | 2 |
| 160 | Cooperative Event-Based Rigid Formation Control. 2021 , 51, 4308-4320 | 4 |
| 159 | A Unified Framework Design for Finite-Time Bipartite Consensus of Multi-Agent Systems. 2021 , 9, 48971-48979 | 0 |
| 158 | Dynamic Resilient Containment Control in Multirobot Systems. 2021 , 1-14 | 0 |
| 157 | . 2021 , 1-1 | 2 |
| 156 | Fixed-Time Stabilization of Discontinuous Neutral Neural Networks With Proportional Delays via New Fixed-Time Stability Lemmas. 2021 , PP, | 5 |
| 155 | . 2021 , 1-1 | 3 |
| 154 | A Unified Approach for the Control of Power Electronics Converters. Part I Stabilization and Regulation. 2021 , 11, 631 | 3 |
| 153 | Improved Fixed-Time Stability Lemma of Discontinuous System and Its Application. 2021 , 1-12 | 2 |

| | | |
|-----|--|---|
| 152 | Distributed Cooperative Control of Redundant Mobile Manipulators With Safety Constraints. 2021 , PP, | 0 |
| 151 | Finite-/Fixed-Time Stability of Nonautonomous Functional Differential Inclusion: Lyapunov Approach Involving Indefinite Derivative. 2021 , PP, | 3 |
| 150 | Recent progress on the study of distributed economic dispatch in smart grid: an overview. 2021 , 22, 25-39 | 5 |
| 149 | Fixed-Time Projection Algorithm for Distributed Constrained Optimization on Time-varying Digraphs. 2021 , 1-1 | 1 |
| 148 | Exponentially Convergent Algorithm Design for Constrained Distributed Optimization via Non-smooth Approach. 2021 , 1-1 | 2 |
| 147 | Encyclopedia of Systems and Control. 2021 , 120-128 | |
| 146 | Adaptive Exact Penalty Design for Optimal Resource Allocation. 2021 , PP, | 3 |
| 145 | Consensus-Based Delay-Tolerant Distributed Secondary Control Strategy for Droop Controlled AC Microgrids. 2021 , 9, 6033-6049 | 5 |
| 144 | Distributed Generalized Nash Equilibrium Seeking for Monotone Generalized Noncooperative Games by a Regularized Penalized Dynamical System. 2021 , 51, 5532-5545 | 1 |
| 143 | Robust Distributed Average Tracking for Disturbed Second-Order Multiagent Systems. 2021 , 1-13 | 2 |
| 142 | Projected Dynamical Systems on Irregular, Non-Euclidean Domains for Nonlinear Optimization. 2021 , 59, 635-668 | 2 |
| 141 | Piecewise structure of Lyapunov functions and densely checked decrease conditions for hybrid systems. 2021 , 33, 123-149 | 3 |
| 140 | Consensus tracking via quantized iterative learning control for singular nonlinear multi-agent systems with state time-delay and initial state error. 2021 , 103, 2701-2719 | 4 |
| 139 | Flocking motion in swarms with limited sensing radius and heterogeneous input constraints. 2021 , 358, 2346-2366 | 2 |
| 138 | Distributed optimal resource allocation over strongly connected digraphs: A surplus-based approach. 2021 , 125, 109459 | 4 |
| 137 | Numerical design of Lyapunov functions for a class of homogeneous discontinuous systems. 2021 , 31, 3708-3729 | 1 |
| 136 | Stochastic impulse control of nonsmooth dynamics with partial observation and execution delay: Application to an environmental restoration problem. 2021 , 42, 1226-1252 | 2 |
| 135 | Periodic dynamics of multidirectional associative neural networks with discontinuous activation functions and mixed time delays. 2021 , 31, 4570-4588 | 0 |

| | | |
|-----|---|---|
| 134 | A predefined-time first-order exact differentiator based on time-varying gains. 2021 , 31, 5510-5522 | 1 |
| 133 | Robust Distributed Average Tracking for Double-Integrator Agents Without Velocity Measurements Under Event-Triggered Communication. 2021 , 8, 828-837 | 1 |
| 132 | Training classifiers for feedback control with safety in mind. 2021 , 128, 109509 | 0 |
| 131 | Convergence and synchronization in networks of piecewise-smooth systems via distributed discontinuous coupling. 2021 , 129, 109596 | 4 |
| 130 | A Unified Approach for the Control of Power Electronics Converters. Part II: Tracking. 2021 , 11, 7618 | |
| 129 | Finite-time synchronization problem of a class of discontinuous Cohen-Grossberg neural networks with mixed delays via new switching design. 2021 , 2021, | |
| 128 | A continuous-time consensus algorithm using neurodynamic system for distributed time-varying optimization with inequality constraints. 2021 , 358, 6741-6758 | 0 |
| 127 | New criteria on periodicity and stabilization of discontinuous uncertain inertial Cohen-Grossberg neural networks with proportional delays. 2021 , 150, 111148 | 2 |
| 126 | EDCHO: High order exact dynamic consensus. 2021 , 131, 109750 | 2 |
| 125 | Fully distributed consensus control for a class of disturbed second-order multi-agent systems with directed networks. 2021 , 132, 109816 | 4 |
| 124 | Projection-based integrators for improved motion control: Formalization, well-posedness and stability of hybrid integrator-gain systems. 2021 , 133, 109830 | 1 |
| 123 | Adaptive RISE control for asymptotic rigid-body attitude tracking with additive disturbances. 2021 , 117, 54-69 | 3 |
| 122 | Output Feedback Control for a Nonlinear Optical Interferometry System. 2021 , 5, 1880-1885 | 6 |
| 121 | On Inf-Convolution-Based Robust Practical Stabilization Under Computational Uncertainty. 2021 , 1-1 | 1 |
| 120 | Distributed Gradient Flow: Nonsmoothness, Nonconvexity, and Saddle Point Evasion. 2021 , 1-1 | 1 |
| 119 | Non-Pathological ISS-Lyapunov Functions for Interconnected Differential Inclusions. 2021 , 1-1 | 0 |
| 118 | Fundamentals of Sliding-Mode Control Design. 2012 , 35-71 | 6 |
| 117 | Discontinuities, Generalized Solutions, and (Dis)agreement in Opinion Dynamics. 2018 , 287-309 | 2 |

| | | |
|-----|---|----|
| 116 | Comparative Study of the CG and HBF ODEs Used in the Global Minimization of Nonconvex Functions. 2009 , 668-677 | 2 |
| 115 | Finite-time Synchronization of a Class of Coupled Memristor-based Recurrent Neural Networks: Static State Control and Dynamic Control Approach. 2021 , 19, 426-438 | 3 |
| 114 | EDC: Exact Dynamic Consensus. 2020 , 53, 2921-2926 | 1 |
| 113 | Distributed initialization-free algorithms for multi-agent optimization problems with coupled inequality constraints. 2020 , 407, 155-162 | 6 |
| 112 | On moving hypersurfaces and the discontinuous ODE-system associated with two-phase flows. 2020 , 33, 5425-5456 | 2 |
| 111 | Distributed Minimization of the Power Generation Cost in Prosumer-Based Distribution Networks. 2020 , | 5 |
| 110 | A Robust Estimator for Almost Global Attitude Feedback Tracking. 2010 , | 1 |
| 109 | Generalized Lyapunov-Razumikhin method for retarded differential inclusions: Applications to discontinuous neural networks. 2017 , 22, 3591-3614 | 26 |
| 108 | Piecewise smooth systems near a co-dimension 2 discontinuity manifold: Can one say what should happen?. 2016 , 9, 1039-1068 | 5 |
| 107 | Data-Driven Adaptive Task Allocation for Heterogeneous Multi-Robot Teams Using Robust Control Barrier Functions. 2021 , | 1 |
| 106 | A Discontinuous Finite-Time Consensus Tracking Algorithm for Single Integrator Multi-Agent System with External Disturb. 2021 , | |
| 105 | Robust integral of sign of error-based distributed flocking control of double-integrator multi-agent systems with a varying virtual leader. | 0 |
| 104 | A Nonsmooth Approach to Controller Synthesis for Boolean Specifications. 2021 , 66, 5160-5174 | 3 |
| 103 | Mathematical Background. 2011 , 33-105 | |
| 102 | Quasi-synchronization of Delayed Coupled Networks with Non-identical Discontinuous Nodes. 2012 , 274-284 | |
| 101 | Euler's Broken Lines and Diameter of Partition. 2014 , 7, 102-112 | |
| 100 | Robustification of Cooperative Consensus Algorithms in Perturbed Multi-agents Systems. 2018 , 247-267 | |
| 99 | Quantization Effects in Rigid Formation Control. 2018 , 101-123 | |

- 98 Asymptotic and finite-time almost global attitude tracking: representations free approach. **2018**, 1
- 97 Towards Physical Hybrid Systems. **2019**, 216-232
- 96 Temporal viability regulation for control affine systems with applications to mobile vehicle coordination under time-varying motion constraints. **2019**,
- 95 Existence and Uniqueness of Solution for Discontinuous Conewise Linear Systems. **2020**, 53, 927-932
- 94 Distributed Average Tracking in Distributed Convex Optimization. **2020**, 193-231
- 93 Two-Timescale Multilayer Recurrent Neural Networks for Nonlinear Programming. **2020**, PP, 2
- 92 Robust Event-triggered Distributed Average Tracking for Double-integrator Agents Without Velocity Measurements. **2020**, 1
- 91 Distributed Finite-Time Algorithm for a Class of Quadratic Optimization Problems with Time-Varying Linear Constraints. **2020**, 1
- 90 Attention vs. precision: latency scheduling for uncertainty resilient control systems. **2020**,
- 89 Strong Invariance Using Control Barrier Functions: A Clarke Tangent Cone Approach *. **2020**, 0
- 88 Distributed Continuous-Time Optimization with Time-Varying Objective Functions and Inequality Constraints. **2020**, 3
- 87 Nonsmooth stabilization and its computational aspects. **2020**, 53, 6370-6377
- 86 Mathematical Methods. **2020**, 7-27
- 85 Robust Time-Varying Continuous-Time Optimization with Pre-Defined Finite-Time Stability. **2020**, 53, 6743-6748
- 84 Distributed Average Tracking for Double-Integrator Dynamics. **2020**, 79-124
- 83 Gradient-Based UAV Positioning Algorithm for Throughput Optimization in UAV Relay Networks. **2020**, 278-291
- 82 Finite-Time Input to State Stability of Discontinuous Dynamical Systems: A Case Study of Networked Euler-Lagrange Systems. **2020**,
- 81 Distributed optimisation approach to least-squares solution of Sylvester equations. **2020**, 14, 2968-2976 2

- 80 System with Switchings as Models of Regulatory Modules in Genomic Cell Systems. **2021**, 739-766
- 79 Exponential Stability With RISE Controllers. **2022**, 6, 1592-1597 0
- 78 Global dissipativity of non-autonomous BAM neural networks with mixed time-varying delays and discontinuous activations. **2021**,
- 77 A novel method for distributed optimization with globally coupled constraints based on multi-agent systems. **2021**, 0
- 76 New Fixed-Time Stability Analysis of Delayed Discontinuous Systems via an Augmented Indefinite Lyapunov-Krasovskii Functional. **2021**, PP, 0
- 75 Asynchronous H ∞ Continuous Stabilization of Mode-Dependent Switched Mobile Robot. **2021**, 1-15 0
- 74 Distributed Dynamic Quantile Solver With Plug-and-Play Operation. **2021**, 9, 165517-165525 0
- 73 Data-Driven Robust Barrier Functions for Safe, Long-Term Operation. **2021**, 1-15 0
- 72 Finite-/fixed-time anti-synchronization of neural networks with leakage delays under discontinuous disturbances. **2022**, 155, 111639 0
- 71 Fixed-time leader-follower quantized output consensus of high-order multi-agent systems over digraph. **2022**, 587, 408-434 3
- 70 A Continuous-time Algorithm with the Sigmoid Function for Distributed Constrained Optimization of Multi-agent Systems. **2020**, 1
- 69 Behavior Trees in Robot Control Systems. **2022**, 5,
- 68 Lyapunov-Derived Control and Adaptive Update Laws for Inner and Outer Layer Weights of a Deep Neural Network. **2022**, 6, 1855-1860 2
- 67 Fixed-time Practical Consensus Tracking of Multi-agent Systems with Communication Delay. **2022**, 1-1 1
- 66 Continuous-Time Behavior Trees as Discontinuous Dynamical Systems. **2022**, 6, 1891-1896 0
- 65 Distributed Nash Equilibrium Seeking for General Networked Games with Bounded Disturbances. **2022**, 1-12 8
- 64 Fixed-Time Stabilization of IT-2 T-S Fuzzy control Systems with Discontinuous Interconnections: Indefinite Derivative Lyapunov Method. **2022**, 1
- 63 Distributed Neurodynamic Algorithm for Collaborative Energy Management of Multiple Energy Bodies in the Energy Internet.

| | | |
|----|---|---|
| 62 | Enabling DER Participation in Frequency Regulation Markets. 2022 , 1-15 | 0 |
| 61 | Optimally controlling a non-smooth environmental system with random observation and execution delay. 2022 , | |
| 60 | Adaptive Control of Time-Varying Parameter Systems with Asymptotic Tracking. 2022 , 1-1 | 1 |
| 59 | Optimal Control of an Evolution Problem Involving Time-Dependent Maximal Monotone Operators. 1 | 1 |
| 58 | Coordinated optimization of locomotion velocity and energy consumption in vibration-driven system. 1 | |
| 57 | Computation of Direct Sensitivities of Spatial Multibody Systems With Joint Friction. 2022 , 17, | 0 |
| 56 | A Distributed Hierarchical Control Framework for Economic Dispatch and Frequency Regulation of Autonomous AC Microgrids. 2021 , 14, 8408 | 1 |
| 55 | A Finite-time Distributed Protocol for Link Prediction in Networked Multi-Agent Systems. 2021 , | |
| 54 | OUP accepted manuscript. | |
| 53 | Event-Triggered Distributed Average Tracking Control for Lipschitz-Type Nonlinear Multiagent Systems.. 2022 , PP, | 0 |
| 52 | Global Stability Boundaries and Hidden Oscillations in Dynamical Models with Dry Friction. 2022 , 387-411 | |
| 51 | Distributed Markov Chain Redesign for Multi-Agent Decision-Making Problems. 2022 , 1-1 | |
| 50 | Switching Control for Euler-Lagrange Dynamics: An Incremental Stability Approach. 2022 , 55, 555-560 | 0 |
| 49 | Distributed fixed-time optimization for multi-agent systems with time-varying objective function. | |
| 48 | Verifying Switched System Stability With Logic. 2022 , | |
| 47 | REDCHO: Robust Exact Dynamic Consensus of High Order. 2022 , 141, 110320 | 1 |
| 46 | A Distributed Network System for Nonsmooth Coupled-Constrained Optimization. 2022 , 1-1 | |
| 45 | Secure synchronization and identification for fractional complex networks with multiple weight couplings under DoS attacks. 2022 , 41, | 3 |

| | | |
|----|---|---|
| 44 | Voltage/Frequency Regulation With Optimal Load Dispatch in Microgrids Using SMC Based Distributed Cooperative Control. 2022 , 10, 64873-64889 | 1 |
| 43 | Stability Analysis of a Class of Discontinuous Discrete-Time Systems. 2022 , 1-1 | |
| 42 | Finite-Time Convergent PrimalDual Gradient Dynamics With Applications to Distributed Optimization. 2022 , 1-13 | 1 |
| 41 | New convergence conditions for the super twisting algorithm with uncertain input gain. 2022 , 110423 | 0 |
| 40 | Distributed Continuous-Time Algorithm for Time-Varying Optimization With Affine Formation Constraints. 2022 , 1-8 | 1 |
| 39 | Switched affine systems with hysteresis-based switching control: application to power converters. 2022 , | |
| 38 | Funnel asymptotic tracking of nonlinear multi-agent systems with unmatched uncertainties. 2022 , 167, 105313 | 0 |
| 37 | Robust Nonlinear Control for the Fully Actuated Hexa-Rotor: Theory and Experiments. 2023 , 7, 277-282 | 2 |
| 36 | A Sensor Watermarking Design for Threat Discrimination. 2022 , 55, 433-438 | |
| 35 | Distributed Finite-time Optimization for Compromise-Seeking Agents with Relative Preferences. 2022 , | |
| 34 | Fast-Convergent Anytime-Feasible Dynamics for Distributed Allocation of Resources Over Switching Sparse Networks with Quantized Communication Links. 2022 , | 0 |
| 33 | Physical Restrictions: Nonsmoothness of Objective Functions in Load-Frequency Control. 2022 , 167-190 | |
| 32 | Switching control design for LTI system with uncertain equilibrium: Application to parallel interconnection of DC/DC converters. 2022 , 145, 110522 | 0 |
| 31 | A distributed counting architecture for exploring the structure of anonymous active/passive networks. 2022 , 146, 110550 | 0 |
| 30 | Distributed Consensus Control of Networked Robotic Systems With Dynamic Leader Under Time-Varying Delays and Denial-of-Service Attacks. 2022 , 10, 92663-92672 | 0 |
| 29 | Implicit Tracking-Based Distributed Constraint-Coupled Optimization. 2022 , 1-11 | 2 |
| 28 | Particular Functions-Based Preassigned-Time Stability of Discontinuous System: Novel Control Scheme for Fuzzy Neural Networks. 2022 , 1-11 | 0 |
| 27 | Optimal Sensor Gain Control for Minimum-Information Estimation of Continuous-Time Gauss-Markov Processes. 2022 , | 0 |

- 26 Duality-based Convex Optimization for Real-time Obstacle Avoidance between Polytopes with Control Barrier Functions. **2022**, ○
- 25 Distributed Continuous-Time Optimization for Networked Lagrangian Systems with Time-Varying Cost Functions Under Fixed Graphs. **2022**, ○
- 24 Fixed-Time Dynamical System Approach for Solving Time-Varying Convex Optimization Problems. **2022**, ○
- 23 Distributed neurodynamic algorithms for collaborative energy management in energy internet considering time-varying factors. **2023**, 214, 108828 ○
- 22 Cooperative tracking in camera sensor networks with sliding mode control. 1-11 ○
- 21 On Networked Dynamical Systems with Heterogeneous Constraints: Equilibrium Points and Stability. **2022**, ○
- 20 Brief Comments for Doubts in Filippov Method. ○
- 19 RISE-based adaptive tracking control for Euler-Lagrange mechanical systems with matched disturbances. **2022**, ○
- 18 Control for systems with prescribed performance guarantees: An alternative interval theory-based approach. **2022**, 146, 110642 ○
- 17 Nonlinear pinning control of stochastic network systems. **2023**, 147, 110712 ○
- 16 Generalized Nash Equilibrium Seeking Algorithm Design for Distributed Multi-Cluster Games. **2022**, ○
- 15 Set-invariance-based interpretations for the L 1 performance of nonlinear systems with non-unique solutions. ○
- 14 Stabilisation and tracking controllers for a class of nonlinear systems with unmatched nonvanishing perturbations. 1-12 ○
- 13 Distributed time-varying formation optimal tracking for uncertain Euler-Lagrange systems with time-varying cost functions. **2023**, 132, 108019 ○
- 12 1st-Order Dynamics on Nonlinear Agents for Resource Allocation over Uniformly-Connected Networks. **2022**, ○
- 11 New results on stabilization of complex-valued second-order Memristive neural networks with mixed delays and discontinuous activations functions. **2022**, 41, ○
- 10 Introduction. **2023**, 1-19 ○
- 9 Distributed Constrained Minimax Optimization Based on Zero-Sum Games for Multi-agent Systems. **2022**, ○

- 8 ODE Discretization Schemes as Optimization Algorithms. **2022**, ○
- 7 Practical stability and attractors of systems with bounded perturbations. **2022**, ○
- 6 When Prioritization Meets Input-output Linearization: A Prioritized Multi-objective Control and Case Study with Two-link Manipulator. **2022**, ○
- 5 Deep neural network based adaptive learning for switched systems. **2023**, 0-0 ○
- 4 Event-triggered group consensus for one-sided Lipschitz multi-agent systems with input saturation. **2023**, 121, 107234 ○
- 3 Multi-input enhanced model reference adaptive control strategies and their application to space robotic manipulators. ○
- 2 On the Solutions of a Class of Discrete PWC Systems Modeled with Caputo-Type Delta Fractional Difference Equations. **2023**, 7, 304 ○
- 1 Stability and finite/fixed-time attractivity of time-delayed Filippov system: application to switched neural networks. **2023**, 42, ○