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**Multi-vehicle consensus with a time-varying reference state**

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414	Cooperative Iterative Learning Control of Linear Multi-agent Systems with a Dynamic Leader under Directed Topologies. <b>2014</b> , 40, 2595-2601	6
413	. <b>2014,</b>	0
412	Position deviation based second-order consensus in multiple vehicle systems. <b>2014,</b>	1
411	Adaptive fuzzy control for synchronization of second-order nonlinear systems with prescribed performance. <b>2014,</b>	1
410	State feedback consensus controller with states estimation for a nonlinear class system. <b>2014,</b>	1
409	Fast Finite-Time Consensus Tracking of First-Order Multi-Agent Systems with a Virtual Leader. <b>2014</b> , 596, 552-559	11

408	Fast Finite-Time Consensus Tracking of Heterogeneous Multi-Agent Systems with a Virtual Leader. <b>2014</b> , 687-691, 580-586		2
407	Consensus Tracking of Multiagent Systems with Time-Varying Reference State and Exogenous Disturbances. <b>2014</b> , 2014, 1-7		
406	Finite-time formation control of multiple nonholonomic mobile robots. <b>2014</b> , 24, 140-165		129
405	Formation control for multi-agent systems through an iterative learning design approach. <b>2014</b> , 24, 340-361		65
404	Neural adaptive control for leader-follower flocking of networked nonholonomic agents with unknown nonlinear dynamics. <b>2014</b> , 28, 479-495		11
403	Consensus Tracking of Multi-Agent Systems With Lipschitz-Type Node Dynamics and Switching Topologies. <b>2014</b> , 61, 499-511		537
402	Distributed adaptive controller for the output-synchronization of networked systems in semi-strict feedback form. <b>2014</b> , 351, 412-428		31
401	Leader-following formation control for second-order multi-agent systems with time-varying delays. <b>2014</b> , 36, 627-636		16
400	Finite-Time Synchronization of a Class of Second-Order Nonlinear Multi-Agent Systems Using Output Feedback Control. <b>2014</b> , 61, 1778-1788		169
399	Pinning dynamic systems of networks with Markovian switching couplings and controller-node set. <i>Systems and Control Letters</i> , <b>2014</b> , 65, 56-63	2.4	12
398	Group consensus for heterogeneous multi-agent systems with parametric uncertainties. <i>Neurocomputing</i> , <b>2014</b> , 142, 383-392	5.4	52
397	Cooperative semi-global robust output regulation for a class of nonlinear uncertain multi-agent systems. <i>Automatica</i> , <b>2014</b> , 50, 1053-1065	5.7	45
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395	Decentralized time-varying formation control for multi-robot systems. <b>2014</b> , 33, 1029-1043		119
394	Pinning control of complex networked systems: A decade after and beyond. <b>2014</b> , 38, 103-111		58
393	Backstepping-based cooperative and adaptive tracking control design for a group of underactuated AUVs in horizontal plan. <b>2014</b> , 87, 1076-1093		59
392	Distributed exponentially tracking control of multiple wheeled mobile robots. <b>2014</b> ,		2
391	. <b>2014</b> , 25, 489-495		8

390	Cooperative dynamic behaviors in networked systems with decentralized state estimation. <b>2014,</b>		6
389	Coordinated pattern tracking of multiple marine surface vehicles with uncertain kinematics and kinetics. <b>2014,</b>		
388	Output containment control for swarm systems with general linear dynamics: A dynamic output feedback approach. <i>Systems and Control Letters</i> , <b>2014</b> , 71, 31-37	2.4	32
387	Adaptive second-order leader-following consensus of nonlinear multi-agent systems with time-varying delay. <b>2014,</b>		0
386	Decentralized adaptive consensus of multi-agent in networks with switching topologies. <b>2014,</b>		2
385	Coordinated tracking for data-sampled multi-agent systems with Markovian switching topologies. <b>2014,</b>		
384	Distributed estimation-based tracking control of multiple uncertain non-linear systems. <b>2014</b> , 45, 2088-2099		3
383	Cooperative tracking and estimation of linear multi-agent systems with a dynamic leader via iterative learning. <b>2014</b> , 87, 1163-1171		12
382	Decentralized adaptive consensus in multi-agent networks with jointly connected topologies. <b>2014,</b>		
381	Finite-Time Containment Control for Second-Order Multiagent Systems Under Directed Topology. <b>2014</b> , 61, 619-623		57
380	H[infinity] Consensus of Multi-agent Systems with Random Time-Delay. <b>2014,</b>		1
379	Consensus control of a class of Lipschitz nonlinear systems. <b>2014</b> , 1-11		19
378	Consensus of leader-following multi-agent systems in time-varying networks via intermittent control. <b>2014</b> , 12, 969-976		30
377	Leader-following second-order consensus in multi-agent systems with sampled data via pinning control. <b>2014</b> , 78, 555-569		36
376	Distributed neural network control for adaptive synchronization of uncertain dynamical multiagent systems. <b>2014</b> , 25, 1508-19		176
375	Cooperative tracking control of nonlinear multiagent systems using self-structuring neural networks. <b>2014</b> , 25, 1496-507		55
374	Consensus of linear multi-agent systems based on full-order observer. <b>2014</b> , 351, 1151-1160		11
373	Cooperative control of multiple heterogeneous agents with unknown high-frequency-gain signs. <i>Systems and Control Letters</i> , <b>2014</b> , 68, 51-56	2.4	60

372	Adaptive network dynamics and evolution of leadership in collective migration. <b>2014</b> , 267, 81-93		20
371	Distributed cooperative tracking of uncertain nonlinear multi-agent systems with fast learning. <i>Neurocomputing</i> , <b>2014</b> , 129, 494-503	5-4	10
370	Distributed adaptive containment control of networked flexible-joint robots using neural networks. <b>2014</b> , 41, 470-477		22
369	Synchronized control with neuro-agents for leader-follower based multiple robotic manipulators. <i>Neurocomputing</i> , <b>2014</b> , 124, 149-161	5-4	63
368	Distributed cooperative stabilisation of continuous-time uncertain nonlinear multi-agent systems. <b>2014</b> , 45, 2031-2041		16
367	On distributed finite-time observer design and finite-time coordinated tracking of multiple double integrator systems via local interactions. <b>2014</b> , 24, 2473-2489		24
366	Distributed consensus of multiple nonholonomic mobile robots. <b>2014</b> , 1, 162-170		16
365	Consensus control of network connected mobile robots with input delay. <b>2014</b> ,		
364	A Multi-Agent Model of Opinion Formation with Truth Seeking and Endogenous Leaders. <b>2014</b> , 47, 11709-11714		14
363	Second-order leader-following consensus of nonlinear multi-agent systems via adaptive pinning control. <b>2014</b> ,		2
362	Cluster-based informed agents selection for flocking with a virtual leader. <b>2015</b> ,		4
361	Decentralized adaptive consensus control of uncertain nonlinear systems under directed topologies. <b>2015</b> ,		6
360	Multi-Tracking of First Order Multi-Agent Networks Via Self-Triggered Control. <b>2015</b> , 17, 1320-1329		7
359	Distributed cooperative tracking of multi-agent systems with actuator faults. <b>2015</b> , 37, 1041-1048		17
358	Finite-time containment control without velocity and acceleration measurements. <b>2015</b> , 82, 259-268		45
357	Distributed finite-time tracking for a multi-agent system under a leader with bounded unknown acceleration. <i>Systems and Control Letters</i> , <b>2015</b> , 81, 8-13	2-4	87
356	Second-order consensus for nonlinear leader-following multi-agent systems with sampled-data information. <b>2015</b> ,		0
355	Analysis of undirected formation shape control with directional mismatch. <b>2015</b> ,		3

354	Leaderless and leader-following consensus for networked mobile manipulators with communication delays. <b>2015</b> ,	4
353	Complex Laplacian based algorithm for output synchronization of multi-agent systems using internal model principle. <b>2015</b> ,	4
352	Second-order consensus in multi-agent systems with Multi-leaders under nonlinear dynamics control. <b>2015</b> ,	
351	Orientation alignment-based formation control with reference node. <b>2015</b> ,	2
350	Consensus of heterogeneous multi-agent systems with switching topologies using input-output feedback linearization. <b>2015</b> ,	
349	Adaptive consensus of high-order multi-agent systems with directed switching topologies. <b>2015</b> ,	0
348	Dynamic average consensus under limited control authority and privacy requirements. <b>2015</b> , 25, 1941-1966	83
347	Leader-following consensus for single-integrator multi-agent systems with multiplicative noises in directed topologies. <b>2015</b> , 46, 2788-2798	23
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343	Bipartite coordination problems on networks of multiple mobile agents. <b>2015</b> , 352, 4698-4720	8
342	Implementation of Coordinated Complex Dynamic Behaviors in Multirobot Systems. <b>2015</b> , 31, 1018-1032	24
341	Synchronization of a class of nonlinear multi-agent systems with sampled-data information. <b>2015</b> , 82, 1483-1492	10
340	Dynamic consensus estimation of weighted average on directed graphs. <b>2015</b> , 46, 1839-1853	14
339	Leader-following consensus of data-sampled multi-agent systems with stochastic switching topologies. <i>Neurocomputing</i> , <b>2015</b> , 167, 172-178	5-4 14
338	Distributed consensus of multi-agent systems with nonlinear dynamics via adaptive intermittent control. <b>2015</b> , 352, 4546-4564	43
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336	Asymptotic bounded consensus tracking of multi-agent systems with a bounded-acceleration target via sampled-data control. <b>2015</b> , 352, 4004-4016		9
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334	Global coordinated tracking of multi-agent systems with disturbance uncertainties via bounded control inputs. <b>2015</b> , 82, 2059-2068		21
333	Synchronization of uncertain Euler-Lagrange systems with unknown time-varying communication delays. <b>2015</b> ,		7
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325	Distributed event-triggered output regulation of multi-agent systems. <b>2015</b> , 88, 640-652		19
324	Dynamic output feedback consensus of continuous-time networked multiagent systems. <b>2015</b> , 20, 35-42		15
323	Distributed delay control of multi-agent systems with nonlinear dynamics: Stochastic disturbance. <i>Neurocomputing</i> , <b>2015</b> , 152, 164-169	5-4	9
322	A survey of multi-agent formation control. <i>Automatica</i> , <b>2015</b> , 53, 424-440	5-7	1025
321	Cooperative output feedback adaptive control of uncertain nonlinear multi-agent systems with a dynamic leader. <i>Neurocomputing</i> , <b>2015</b> , 149, 132-141	5-4	40
320	Robust consensus tracking for a class of heterogeneous second-order nonlinear multi-agent systems. <b>2015</b> , 25, 3367-3383		27
319	Event-triggered consensus of multi-agent systems with noises. <b>2015</b> , 352, 3489-3503		50

318	Robust semi-global coordinated tracking of linear multi-agent systems with input saturation. <b>2015</b> , 25, 2375-2390	75
317	Synchronised output regulation of leader-following heterogeneous networked systems via error feedback. <b>2016</b> , 47, 755-764	8
316	Adaptive Tracking Control of Second-Order Multiagent Systems with Jointly Connected Topologies. <b>2016</b> , 2016, 1-11	0
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313	Receding horizon tracking control of unicycle-type robots based on virtual structure. <b>2016</b> , 26, 3900-3918	25
312	A Distributed Delay Consensus of Multi-Agent Systems with Nonlinear Dynamics in Directed Networks. <b>2016</b> , 260-268	
311	Optimal leader selection for controllability and robustness in multi-agent networks. <b>2016</b> ,	13
310	Output containment control of heterogeneous linear multi-agent systems. <b>2016</b> ,	1
309	Distributed adaptive control of multi-agent systems under directed graph for asymptotically consensus tracking. <b>2016</b> ,	1
308	Finite-time leader-following tracking by using distributed binary measurements. <b>2016</b> ,	1
307	Formation tracking of unmanned aerial vehicle swarm systems with predefined formation reference and switching topologies. <b>2016</b> ,	2
306	Scaled consensus problem of heterogeneous first-order multi-agent systems. <b>2016</b> ,	1
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298	Decentralized multi-robot encirclement of a 3D target with guaranteed collision avoidance. <b>2016</b> , 40, 245-265		47
297	Leader-following consensus of multi-agent systems under hierarchical nearly cyclic pursuit. <b>2016</b> ,		1
296	On designing of leader-follower impedance consensus controllers for Lagrangian multi-agent systems. <b>2016</b> ,		
295	Distributed cooperative guidance for multiple missiles. <b>2016</b> ,		1
294	Distributed Multirobot Formation and Tracking Control in Cluttered Environments. <b>2016</b> , 11, 1-22		14
293	Group consensus tracking control of second-order multi-agent systems with directed fixed topology. <i>Neurocomputing</i> , <b>2016</b> , 218, 286-295	5.4	31
292	Time synchronization of wireless sensor networks with stochastic switching topology. <b>2016</b> ,		0
291	Distributed adaptive formation tracking for a class of networked nonlinear systems. <b>2016</b> ,		
290	Multi-agent formation control with maintaining and controlling network connectivity. <b>2016</b> ,		4
289	Containment control based formation tracking for multi-vehicles on lie group. <b>2016</b> ,		4
288	Event-triggered consensus and passification co-design for multi-agent systems over unreliable communication networks. <b>2016</b> ,		
287	Distributed control and speed sensorless for the synchronisation of multi-robot systems. <b>2016</b> , 50, 306-317		2
286	Consensus tracking of fractional-order multi-agent systems based on sliding mode estimator. <b>2016</b> ,		
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283	Second-order consensus for nonlinear leader-following multi-agent systems via dynamic output feedback control. <b>2016</b> , 26, 329-344		36

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281	Synchronization of a class of nonlinear network flow systems. <b>2016</b> , 26, 565-577		4
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276	Formation control with mismatched compasses. <i>Automatica</i> , <b>2016</b> , 69, 232-241	5-7	36
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263	Distributed Finite-Time Cooperative Control of Multi-agent Systems. <b>2016</b> , 163-206		1
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261	Adaptive consensus algorithms for heterogeneous first-order multi-agent systems with diverse nominal velocities. <b>2016</b> , 38, 1401-1408		5
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258	Consensus with a reference state for fractional-order multi-agent systems. <b>2016</b> , 47, 222-234		35
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256	Translational and Scaling Formation Maneuver Control via a Bearing-Based Approach. <b>2017</b> , 4, 429-438		81
255	Terminal sliding mode-based cooperative tracking control for non-linear dynamic systems. <b>2017</b> , 39, 1081-1087		14
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253	Output Feedback Distributed Containment Control for High-Order Nonlinear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 2032-2043	10.2	45
252	Distributed adaptive asymptotically consensus tracking control of nonlinear multi-agent systems with unknown parameters and uncertain disturbances. <i>Automatica</i> , <b>2017</b> , 77, 133-142	5.7	140
251	Coordination tracking of multi-agent dynamical systems with general linear node dynamics. <b>2017</b> , 27, 1526		19
250	Output consensus of multi-agent systems with delayed and sampled-data. <b>2017</b> , 11, 632-639		18
249	Adaptive robust consensus tracking for nonlinear second-order multi-agent systems with heterogeneous uncertainties. <b>2017</b> , 27, 5082-5096		28
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232	Sampled-Data Consensus of Linear Multi-agent Systems With Packet Losses. <b>2017</b> , 28, 2516-2527		137
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230	Decentralized finite-time adaptive consensus of multiagent systems with fixed and switching network topologies. <i>Neurocomputing</i> , <b>2017</b> , 219, 59-67	5.4	24
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227	Consensus error of the linear multi-agent systems with noises. <b>2017</b> ,		
226	Finite-time coordination of a class of second-order nonlinear multi-agent systems. <b>2017</b> ,		1
225	Consensus for second-order nonlinear leader-following multi-agent systems via event-triggered control. <b>2017</b> ,		3
224	. <b>2017</b> ,		1
223	Consensus of Leader-Following Multi-Agent Systems with Sampling Information under Directed Networks. <b>2017</b> ,		1
222	Consensus analysis and algorithm design based on RLC networks. <b>2017</b> ,		1
221	Consensus Control for a Multiagent System with Time Delays. <b>2017</b> , 2017, 1-11		4
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