

Details	
Journal Number	11768
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Fulltext Link	Title	Author(s)	Volume	Issue	Pub_Year	Downloads	Citations
https://doi.org/10.1007/S11768-019-8168-8	Adaptive dynamic programming for finite-horizon optimal control of linear time-varying discrete-time systems	Bo Pang, Tao Bian & Zhong-Ping Jiang	17	1	2019	118	6
https://doi.org/10.1007/S11768-019-8148-Z	Precedence-constrained path planning of messenger UAV for air-ground coordination	Yulong Ding, Bin Xin & Jie Chen	17	1	2019	42	5
https://doi.org/10.1007/S11768-019-7231-9	Guaranteed feasible control allocation using model predictive control	Mehdi Naderi, Ali Khaki Sedigh & Tor Arne Johansen	17	3	2019	31	5
https://doi.org/10.1007/S11768-019-8179-5	Distributed optimal consensus of multiple double integrators under bounded velocity and acceleration	Zhirong Qiu, Lihua Xie & Yiguang Hong	17	1	2019	30	4
https://doi.org/10.1007/S11768-020-9127-0	Adaptive nonsingular fast terminal sliding mode control for underwater manipulator robotics with asymmetric saturation actuators	Zengcheng Zhou, Guoyuan Tang, Hui Huang, Lijun Han & Ruikun Xu	18	1	2020	189	3
https://doi.org/10.1007/S11768-019-8084-Y	Robust current and speed control of a permanent magnet synchronous motor using SMC and ADRC	Yang Zhao, Lili Dong	17	2	2019	66	3
https://doi.org/10.1007/S11768-019-8196-4	Stabilization of discrete-time linear systems by delay independent truncated predictor feedback	Yusheng Wei & Zongli Lin	17	1	2019	38	3
https://doi.org/10.1007/S11768-020-0048-8	A review on charging behavior of electric vehicles: data, model, and control	Qing-Shan Jia & Teng Long	18	3	2020	247	2
https://doi.org/10.1007/S11768-019-9129-Y	Two-stage on-board optimization of merging velocity planning with energy management for HEVs	Bo Zhang, Wenjing Cao & Tielong Shen	17	4	2019	56	2
https://doi.org/10.1007/S11768-019-8172-Z	An output-based distributed observer and its application to the cooperative linear output regulation problem	Tao Liu, Jie Huang	17	1	2019	40	2

https://doi.org/10.1007/S11768-019-8183-9	Distributed adaptive Kalman filter based on variational Bayesian technique	Chen Hu, Xiaoming Hu & Yiguang Hong	17	1	2019	28	2
https://doi.org/10.1007/S11768-019-8243-1	Rail pressure controller design of GDI basing on predictive functional control	Zhiming Zhang, Lei Xie & Hongye Su	17	2	2019	16	2
https://doi.org/10.1007/S11768-019-8127-4	Routh table test for stability of commensurate fractional degree polynomials and their commensurate fractional order systems	Sheng-Guo Wang, Shu Liang, Liang Ma & Kaixiang Peng	17	3	2019	10	2
https://doi.org/10.1007/S11768-019-9121-6	A unified optimal planner for autonomous parking vehicle	Dequan Zeng, Zhuoping Yu, Lu Xiong, Peizhi Zhang & Zhiqiang Fu	17	4	2019	110	1
https://doi.org/10.1007/S11768-020-00016-W	Distributed multi-agent temporal-difference learning with full neighbor information	Zhinan Peng, Jiangping Hu, Rui Luo & Bijoy K. Ghosh	18	4	2020	110	1
https://doi.org/10.1007/S11768-020-9126-1	Class conditional distribution alignment for domain adaptation	Kai Cao, Zhipeng Tu & Yang Ming	18	1	2020	108	1
https://doi.org/10.1007/S11768-019-8279-2	Robust control for electric vehicle powertrains	Johannes Buerger & James Anderson	17	4	2019	87	1
https://doi.org/10.1007/S11768-019-9118-1	Optimization management of hybrid energy source of fuel cell truck based on model predictive control using traffic light information	Qiuyi Guo, Zhiguo Zhao, Peihong Shen & Peidong Zhou	17	4	2019	87	1
https://doi.org/10.1007/S11768-020-0001-X	Energy-efficient receding horizon trajectory planning of high-speed trains using real-time traffic information	Defeng He et al.	18	2	2020	79	1
https://doi.org/10.1007/S11768-020-9136-Z	Stability and weighted sensitivity analysis of robust controller for heat exchanger	Sapna Gupta et al.	18	1	2020	74	1
https://doi.org/10.1007/S11768-019-9076-7	Distributed active fault tolerant control design against actuator faults for multiple mobile robots	Mahmoud Hussein et al.	17	4	2019	74	1
https://doi.org/10.1007/S11768-019-9144-Z	Predictive car-following scheme for improving traffic flows on urban road networks	A. S. M. Bakibillah et al.	17	4	2019	69	1

https://doi.org/10.1007/S11768-019-9119-0	An MPC-based manoeuvre stability controller for full drive-by-wire vehicles	Ping Wang et al.	17	4	2019	60	1
https://doi.org/10.1007/S11768-020-9047-Z	Mutual information of cylinder pressure and combustion phase estimation in spark ignition engines	Huanyu Di & Tielong Shen	18	1	2020	33	1
https://doi.org/10.1007/S11768-019-8189-3	Event-triggered state estimation for T-S fuzzy affine systems based on piecewise Lyapunov-Krasovskii functionals	Meng Wang, Jianbin Qiu & Gang Feng	17	1	2019	29	1
https://doi.org/10.1007/S11768-019-8212-8	Nonlinear observer-based control design and experimental validation for gasoline engines with EGR	Weihai Jiang & Tielong Shen	17	3	2019	29	1
https://doi.org/10.1007/S11768-019-8266-7	On the mechanism and control for the ultra-low frequency oscillation in NY Power Grid with large-scale hydropower	Ancheng Xue, Jiawei Wang, Chao Zheng, Joe H. Chow & Tianshu Bi	17	3	2019	24	1
https://doi.org/10.1007/S11768-019-8021-0	Optimal finite-dimensional spectral densities for the identification of continuous-time MIMO systems	I. M. Mithun, Shravan Mohan & Bharath Bhikkaji	17	3	2019	16	1
https://doi.org/10.1007/S11768-019-8246-Y	JSAE-SICE benchmark problem for vehicle dynamics control	Yutaka Hirano	17	2	2019	14	1
https://doi.org/10.1007/S11768-019-7298-3	Diagnosability of a class of discrete event systems based on observations	S. Reshmila & Devanathan Rajagopalan	17	3	2019	14	1
https://doi.org/10.1007/S11768-019-8258-7	Introduction to the benchmark challenge on common rail pressure control of gasoline direct injection engines	Qifang Liu et al.	17	2	2019	13	1
https://doi.org/10.1007/S11768-020-00015-X	Minimum energy optimal external torque control of human binocular vision	Bijoy K. Ghosh & Bhagya Athukorallage	18	4	2020	269	0
https://doi.org/10.1007/S11768-020-9195-1	Cooperative control and communication of intelligent swarms: a survey	Kun Hou, Yajun Yang, Xuerong Yang, Jiazhe Lai	18	2	2020	210	0
https://doi.org/10.1007/S11768-020-00008-W	Recent advances on formal methods for safety and security of cyber-physical systems	Xiang Yin et al.	18	4	2020	143	0
https://doi.org/10.1007/S11768-020-0110-6	Multi-agent system motion planning under temporal logic specifications and control barrier function	Xinyuan Huang et al.	18	3	2020	130	0
https://doi.org/10.1007/S11768-020-9145-Y	Backstepping approach for design of PID controller with guaranteed performance for micro-air UAV	Yusuf Kartal et al.	18	1	2020	129	0

https://doi.org/10.1007/S11768-020-9061-1	Adaptive high-order sliding mode control based on quasi-time delay estimation for uncertain robot manipulator	Brahim Brahmi et al.	18	3	2020	115	0
https://doi.org/10.1007/S11768-020-00007-X	Distributed policy evaluation via inexact ADMM in multi-agent reinforcement learning	Xiaoxiao Zhao et al.	18	4	2020	100	0
https://doi.org/10.1007/S11768-020-9292-1	Recent advances on dynamic learning from adaptive NN control	Min Wang et al.	18	1	2020	99	0
https://doi.org/10.1007/S11768-020-9125-2	Stability analysis for time delay control of nonlinear systems in discrete-time domain with a standard discretisation method	Jinoh Lee et al.	18	1	2020	94	0
https://doi.org/10.1007/S11768-020-9204-4	Distributed best response dynamics for Nash equilibrium seeking in potential games	Shijie Huang et al.	18	3	2020	82	0
https://doi.org/10.1007/S11768-019-8289-0	New directions in quantum neural networks research	Wei Cui et al.	17	4	2019	82	0
https://doi.org/10.1007/S11768-020-8151-4	Mathematical model derivation of an unmanned circulation control aerial vehicle UC2AV	Mohammed Agha et al.	18	1	2020	77	0
https://doi.org/10.1007/S11768-020-8280-9	H_∞ position transfer and regulation for floating offshore wind turbines	Eduardo Eribert Escobar Aquino et al.	18	3	2020	76	0
https://doi.org/10.1007/S11768-020-0020-7	Real-time optimization of energy consumption under adaptive cruise control for connected HEVs	Jiangyan Zhang et al.	18	2	2020	75	0
https://doi.org/10.1007/S11768-020-0017-2	Analysis of finite-time regulation property of biomolecular PI controller	Peng Rong et al.	18	2	2020	73	0
https://doi.org/10.1007/S11768-020-0109-Z	New directions in distributed Nash equilibrium seeking based on monotone operator theory	Peng Yi et al.	18	3	2020	72	0
https://doi.org/10.1007/S11768-020-0021-6	Distributed optimal energy consumption control of HEVs under MFG-based speed consensus	Qiaobin Fu et al.	18	2	2020	72	0
https://doi.org/10.1007/S11768-020-0011-8	Finite-time non-fragile filtering for nonlinear networked control systems via a mixed time/event-triggered transmission mechanism	Zhongda Lu et al.	18	2	2020	71	0
https://doi.org/10.1007/S11768-020-9202-6	Robust network structures for conserving total activity in Boolean networks	Shun-ichi Azuma	18	2	2020	69	0
https://doi.org/10.1007/S11768-020-0086-2	Learning implicit information in Bayesian games with knowledge transfer	Guanpu Chen et al.	18	3	2020	69	0
https://doi.org/10.1007/S11768-020-0013-6	Multi-agent graphical games with input constraints: an online learning solution	Tianxiang Wang et al.	18	2	2020	69	0
https://doi.org/10.1007/S11768-020-00019-7	Design of tracking observers for locally jointly observable systems	Dabo Xu et al.	18	4	2020	67	0

https://doi.org/10.1007/S11768-020-9109-2	Robustness analysis and distributed control of a networked system with time-varying delays	Zhike Wang et al.	18	3	2020	66	0
https://doi.org/10.1007/S11768-020-00022-Y	Finite-time consensus protocols for multi-dimensional multi-agent systems	Jieqiang Wei et al.	18	4	2020	64	0
https://doi.org/10.1007/S11768-020-00012-0	Consistent Kalman filters for nonlinear uncertain systems over sensor networks	Xingkang He et al.	18	4	2020	63	0
https://doi.org/10.1007/S11768-020-00023-X	Consensus with preserved privacy against neighbor collusion	Silun Zhang et al.	18	4	2020	59	0
https://doi.org/10.1007/S11768-020-00002-2	Application of networked discrete event system theory on intelligent transportation systems	Jiayuan Liang et al.			2020	57	0
https://doi.org/10.1007/S11768-020-00014-Y	Robust statistical approach to stereo disparity maps denoising and refinement	James Okae et al.	18	4	2020	57	0
https://doi.org/10.1007/S11768-019-8028-6	Invariant observer design of attitude and heading reference system	Martin Barczyk	17	3	2019	56	0
https://doi.org/10.1007/S11768-020-00018-8	Distributed stochastic mirror descent algorithm for resource allocation problem	Yinghui Wang et al.	18	4	2020	55	0
https://doi.org/10.1007/S11768-020-9190-6	Application of dynamic sensor activation on operating automated headlights	Han Ding et al.	18	3	2020	47	0
https://doi.org/10.1007/S11768-020-0009-2	Diffusion logistic regression algorithms over multiagent networks	Yan Du et al.	18	2	2020	46	0
https://doi.org/10.1007/S11768-020-00005-Z	Model variables identification of a gas turbine using a subspace approach based on input/output data measurements	Hakim Bagua et al.			2020	45	0
https://doi.org/10.1007/S11768-020-0006-5	Regional averaged controllability for hyperbolic parameter dependent systems	Mouna Abdelli et al.	18	3	2020	38	0
https://doi.org/10.1007/S11768-020-8038-4	A novel control solution for improved trajectory tracking and LVRT performance in DFIG-based wind turbines	Ahmad Hashemi et al.	18	1	2020	37	0
https://doi.org/10.1007/S11768-019-8268-5	An overview of various control benchmarks with a focus on automotive control	Eriksson Lars	17	2	2019	36	0
https://doi.org/10.1007/S11768-020-0091-5	Air quality short-term control in an industrial region under adverse weather conditions	Yuri Skiba et al.	18	3	2020	33	0
https://doi.org/10.1007/S11768-019-8260-0	Control of the common rail pressure in gasoline engines through an extended state observer based MPC	Chao Wu, Kang Song & Hui Xie	17	2	2019	28	0
https://doi.org/10.1007/S11768-020-00003-1	Simplification of Shapley value for cooperative games via minimum carrier	Haitao Li, Shuling Wang, Aixin Liu & Meixia Xia			2020	27	0

https://doi.org/10.1007/S11768-019-8191-9	Prediction method for energy consumption per ton of fused magnesium furnaces using data driven and mechanism model	Dan Guo, Zhiwei Wu, Tianyou Chai, Jie Yang & Jinliang Ding	17	1	2019	22	0
https://doi.org/10.1007/S11768-019-8161-2	A new semi-tensor product of matrices	Daizhan Cheng & Zequn Liu	17	1	2019	21	0
https://doi.org/10.1007/S11768-019-8259-6	Terminal sliding mode control of rail pressure for gasoline direct injection engines	Chen Zhang, Ying Zhang, Cong Chai & Miaolei Zhou	17	2	2019	18	0
https://doi.org/10.1007/S11768-019-8031-Y	Parallel loop recovery with quiescent compensation for high performance feedback control of systems with imperfect actuators	Y. V. O'Brien & J. F. O'Brien	17	3	2019	13	0
https://doi.org/10.1007/S11768-019-8201-Y	Axis-coupled trajectory generation for chains of integrators through smoothing splines	Shupeng Lai, Menglu Lan, Kehong Gong & Ben M. Chen	17	1	2019	13	0
https://doi.org/10.1007/S11768-019-8277-4	Revisiting the benchmark problem of starting control of combustion engines	Jiangyan Zhang, Zhenhui Xu & Jinwu Gao	17	2	2019	11	0
https://doi.org/10.1007/S11768-019-8276-5	SICE benchmark problem: starting speed control of SI engines	Junichi Kako	17	2	2019	11	0