

IEEE/CAA JOURNAL OF AUTOMATICA SINICA

A PUBLICATION OF THE IEEE AND CHINESE ASSOCIATION OF AUTOMATION

AUGUST 2021

VOLUME 8

NUMBER 8

IJASJC

(ISSN:2329-9274)

PAPERS

Learning Convex Optimization Models	A. Agrawal, S. Barratt, and S. Boyd (1355)
Cooperative Multi-Agent Control for Autonomous Ship Towing Under Environmental Disturbances	Z. Du, R. R. Negenborn, and V. Reppa (1365)
Radial Basis Function Interpolation and Galerkin Projection for Direct Trajectory Optimization and Costate Estimation	H. Mirinejad, T. Inanc, and J. M. Zurada (1380)
An RGB-D Camera Based Visual Positioning System for Assistive Navigation by a Robotic Navigation Aid	H. Zhang, L. Q. Jin, and C. Ye (1389)
Robust Controller Synthesis and Analysis in Inverter-Dominant Droop-Controlled Islanded Microgrids	S. M. Azizi (1401)
Development of Granular Fuzzy Relation Equations Based on a Subset of Data	D. Wang, X. B. Zhu, W. Pedycz, Z. H. Yu, and Z. W. Li (1416)
FISS GAN: A Generative Adversarial Network for Foggy Image Semantic Segmentation	K. H. Liu, Z. H. Ye, H. Y. Guo, D. P. Cao, L. Chen, and F.-Y. Wang (1428)
Passivity-Based Robust Control Against Quantified False Data Injection Attacks in Cyber-Physical Systems	Y. Zhao, Z. Chen, C. J. Zhou, Y.-C. Tian, and Y. Q. Qin (1440)
Distributed Subgradient Algorithm for Multi-Agent Optimization With Dynamic Step-size	X. X. Ren, D. W. Li, Y. G. Xi, and H. B. Shao (1451)
Kernel Generalization of Multi-Rate Probabilistic Principal Component Analysis for Fault Detection in Nonlinear Process	D. L. Zheng, L. Zhou, and Z. H. Song (1465)



IEEE/CAA JOURNAL OF AUTOMATICA SINICA

A PUBLICATION OF THE IEEE AND CHINESE ASSOCIATION OF AUTOMATION

AUGUST 2021

VOLUME 8

NUMBER 8

IJASJC

(ISSN:2329-9274)

PAPERS

Learning Convex Optimization Models	A. Agrawal, S. Barratt, and S. Boyd (1355)
Cooperative Multi-Agent Control for Autonomous Ship Towing Under Environmental Disturbances	Z. Du, R. R. Negenborn, and V. Reppa (1365)
Radial Basis Function Interpolation and Galerkin Projection for Direct Trajectory Optimization and Costate Estimation	H. Mirinejad, T. Inanc, and J. M. Zurada (1380)
An RGB-D Camera Based Visual Positioning System for Assistive Navigation by a Robotic Navigation Aid	H. Zhang, L. Q. Jin, and C. Ye (1389)
Robust Controller Synthesis and Analysis in Inverter-Dominant Droop-Controlled Islanded Microgrids	S. M. Azizi (1401)
Development of Granular Fuzzy Relation Equations Based on a Subset of Data	D. Wang, X. B. Zhu, W. Pedycz, Z. H. Yu, and Z. W. Li (1416)
FISS GAN: A Generative Adversarial Network for Foggy Image Semantic Segmentation	K. H. Liu, Z. H. Ye, H. Y. Guo, D. P. Cao, L. Chen, and F.-Y. Wang (1428)
Passivity-Based Robust Control Against Quantified False Data Injection Attacks in Cyber-Physical Systems	Y. Zhao, Z. Chen, C. J. Zhou, Y.-C. Tian, and Y. Q. Qin (1440)
Distributed Subgradient Algorithm for Multi-Agent Optimization With Dynamic Step-size	X. X. Ren, D. W. Li, Y. G. Xi, and H. B. Shao (1451)
Kernel Generalization of Multi-Rate Probabilistic Principal Component Analysis for Fault Detection in Nonlinear Process	D. L. Zheng, L. Zhou, and Z. H. Song (1465)

