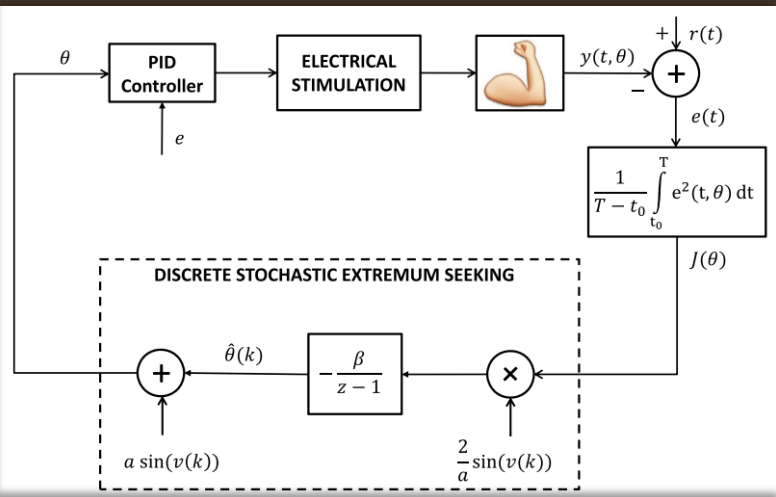
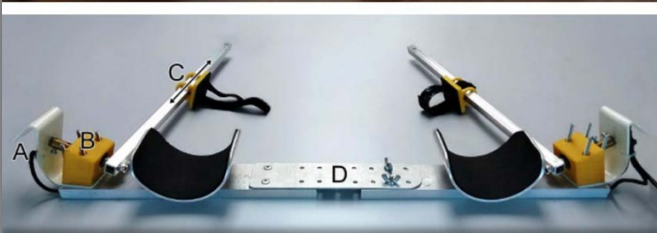


PUBLICATIONS CONTENT DIGEST



January 2020

CSS Publications Activities

Vice-President

ANDREW ALLEYNE *University of Illinois at Urbana-Champaign*
<http://ieeecss.org/publications>

Journal Editors

IEEE Transactions on Automatic Control

ALESSANDRO ASTOLFI *Imperial College London and University of Rome "Tor Vergata"*
<http://ieeecss.org/publication/transactions-automatic-control>

IEEE Transactions on Control Systems Technology

ANDREA SERRANI *Ohio State University*
<http://ieeecss.org/publication/transactions-control-systems-technology>

IEEE Transactions on Control of Network Systems

JEFF SHAMMA *King Abdullah University of Science and Technology*
ANNA SCAGLIONE Deputy Editor-in-Chief *Arizona State University*
<http://ieeecss.org/publication/transactions-control-network-systems>

IEEE Control Systems Letters

MARIA ELENA VALCHER *University of Padua*
<http://ieeecss.org/publication/control-systems-letters>

IEEE Control Systems Magazine

RODOLPHE SEPULCHRE *University of Cambridge*
<http://ieeecss.org/publication/ieee-control-systems-magazine>

Electronics Editor

E-letter on Systems, Control and Signal Processing

AHMAD TAHA *University of Texas at San Antonio*
<http://ieeecss.org/publication/e-letter>

***Submission and editorial instructions can be found on each publication's homepage**

For subscription to the monthly E-Letter, please send an empty email to
eletter-css-join@lists.it.utsa.edu

IEEE TRANSACTIONS ON AUTOMATIC CONTROL

A PUBLICATION OF THE IEEE CONTROL SYSTEMS SOCIETY



JANUARY 2020

VOLUME 65

NUMBER 1

IETAA9

(ISSN 0018-9286)

REGULAR PAPERS

An Explicit Reference Governor for the Intersection of Concave Constraints	<i>M. Hosseinzadeh and E. Garone</i>	1
Mean Field Games With Parametrized Followers	<i>A. Bensoussan, T. Cass, M. H. M. Chau, and S. C. P. Yam</i>	12
Distributed Kalman Filters With State Equality Constraints: Time-Based and Event-Triggered Communications	<i>X. He, C. Hu, Y. Hong, L. Shi, and H.-T. Fang</i>	28
A Partial-State Feedback Model Reference Adaptive Control Scheme	<i>G. Song and G. Tao</i>	44
Regulation of Inhomogeneous Drilling Model With a P-I Controller	<i>A. Terrand-Jeanne, V. Andrieu, M. Tayakout-Fayolle, and V. Dos Santos Martins</i>	58
Markov Chains With Maximum Return Time Entropy for Robotic Surveillance	<i>X. Duan, M. George, and F. Bullo</i>	72
Orbital Stability Analysis for Perturbed Nonlinear Systems and Natural Entrainment via Adaptive Andronov–Hopf Oscillator	<i>J. Zhao and T. Iwasaki</i>	87
On the Dynamics of Distributed Energy Adoption: Equilibrium, Stability, and Limiting Capacity	<i>T. Sun, L. Tong, and D. Feng</i>	102
A Universal Empirical Dynamic Programming Algorithm for Continuous State MDPs	<i>W. B. Haskell, R. Jain, H. Sharma, and P. Yu</i>	115
Asymptotic Optimality of Finite Model Approximations for Partially Observed Markov Decision Processes With Discounted Cost	<i>N. Saldi, S. Yüksel, and T. Linder</i>	130
Performance Guarantees for Model-Based Approximate Dynamic Programming in Continuous Spaces	<i>P. N. Beuchat, A. Georghiou, and J. Lygeros</i>	143
Semi-Markov Jump Linear Systems With Incomplete Sojourn and Transition Information: Analysis and Synthesis	<i>Z. Ning, L. Zhang, and P. Colaneri</i>	159
Distributed Coupled Multiagent Stochastic Optimization	<i>S. A. Alghunaim and A. H. Sayed</i>	175
Average Consensus by Graph Filtering: New Approach, Explicit Convergence Rate, and Optimal Design	<i>J.-W. Yi, L. Chai, and J. Zhang</i>	191
Efficient Simulation Budget Allocation With Bound Information	<i>H. Li, X. Xu, and Y. Zhao</i>	207
Interaction-Based Distributed Learning in Cyber-Physical and Social Networks	<i>F. Sasso, A. Coluccia, and G. Notarstefano</i>	223
An Approach to Improve Permissiveness of Supervisors for GMECs in Time Petri Net Systems	<i>L. Li, F. Basile, and Z. Li</i>	237
Principles of Lossless Adjustable One-Ports	<i>T. T. Georgiou, F. Jabbari, and M. C. Smith</i>	252

(Contents Continued on Back Cover)



TECHNICAL NOTES

Self-Triggered Network Coordination Over Noisy Communication Channels	<i>M. Shi, P. Tesi, and C. De Persis</i>	263
A Common Framework for Complete and Incomplete Attitude Synchronization in Networks With Switching Topology	<i>P. O. Pereira, D. Boskos, and D. V. Dimarogonas</i>	271
Distributed Consensus Over Markovian Packet Loss Channels	<i>L. Xu, Y. Mo, and L. Xie</i>	279
Reduced-Order Observer Design for Switched Descriptor Systems With Unknown Inputs	<i>J. Zhang, X. Zhao, F. Zhu, and H. R. Karimi</i>	287
Supervisor Localization of Timed Discrete-Event Systems Under Partial Observation	<i>R. Zhang and K. Cai</i>	295
Codesign of Event Trigger and Feedback Policy in Robust Model Predictive Control	<i>C. Liu, H. Li, Y. Shi, and D. Xu</i>	302
A Topology for Team Policies and Existence of Optimal Team Policies in Stochastic Team Theory	<i>N. Saldi</i>	310
Adaptive Event-Triggered Control of Nonlinear Systems With Controller and Parameter Estimator Triggering	<i>J. Huang, W. Wang, C. Wen, and G. Li</i>	318
On Algebraic Proofs of Stability for Homogeneous Vector Fields	<i>A. A. Ahmadi and B. El Khadir</i>	325
Randomized Gradient-Free Distributed Optimization Methods for a Multiagent System With Unknown Cost Function	<i>Y. Pang and G. Hu</i>	333
Critical Observability for Automata and Petri Nets	<i>T. Masopust</i>	341
Distributed Smooth Convex Optimization With Coupled Constraints	<i>S. Liang, L. Y. Wang, and G. Yin</i>	347
Local Controllability of Single-Input Nonlinear Systems Based on Deterministic Wiener Processes	<i>Y. Nishimura and D. Tsubakino</i>	354
Sliding Mode Control for Nonlinear Stochastic Singular Semi-Markov Jump Systems	<i>W. Qi, G. Zong, and H. R. Karimi</i>	361
On Event-Triggered Control of Nonlinear Stochastic Systems	<i>S. Luo and F. Deng</i>	369
RBFNN-Based Minimum Entropy Filtering for a Class of Stochastic Nonlinear Systems	<i>X. Yin, Q. Zhang, H. Wang, and Z. Ding</i>	376
Model Reduction of Markovian Jump Systems With Uncertain Probabilities	<i>Y. Shen, Z.-G. Wu, P. Shi, and C. K. Ahn</i>	382
State-Space Realizations and Optimal Smoothing for Gaussian Generalized Reciprocal Processes	<i>L. B. White and F. Carravetta</i>	389
Structural Controller for Logical Expression of Linear Constraints on Petri Nets	<i>J. Luo, W. Wu, M. Zhou, H. Shao, K. Nonami, and H. Su</i>	397
An LMI Approach to Stability Analysis of Coupled Parabolic Systems	<i>M. Wakaiki</i>	404
Leaderless Synchronization of Heterogeneous Oscillators by Adaptively Learning the Group Model	<i>S. Baldi and P. Frasca</i>	412
On the Performance Analysis of Reset Attack in Cyber-Physical Systems	<i>Y. Ni, Z. Guo, Y. Mo, and L. Shi</i>	419
Online Distributed Optimization With Strongly Pseudoconvex-Sum Cost Functions	<i>K. Lu, G. Jing, and L. Wang</i>	426
Reduced-Order Observer Design for Boolean Control Networks	<i>Z. Zhang, T. Leifeld, and P. Zhang</i>	434
Observed-Mode-Dependent State Estimation of Hidden Semi-Markov Jump Linear Systems	<i>B. Cai, L. Zhang, and Y. Shi</i>	442
A Direct Proof of the Equivalence of Side Conditions for Strictly Positive Real Matrix Transfer Functions	<i>A. Ferrante, A. Lanzon, and B. Brogliato</i>	450
Dynamic Attitude Planning for Trajectory Tracking in Thrust-Vectoring UAVs	<i>D. Invernizzi, M. Lovera, and L. Zaccarian</i>	453

IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY



A PUBLICATION OF THE IEEE CONTROL SYSTEMS SOCIETY

JANUARY 2020

VOLUME 28

NUMBER 1

IETTE2

(ISSN 1063-6536)

SPECIAL ISSUE ON SYSTEM IDENTIFICATION AND CONTROL IN BIOMEDICAL APPLICATIONS

EDITORIAL

Foreword Identification and Control in Biomedical Applications	1
..... <i>G. Mercère, A. Medvedev, D. E. Rivera, C. Scoglio, and B. Jayawardhana</i>	

SPECIAL ISSUE PAPERS

Online Glucose Prediction Using Computationally Efficient Sparse Kernel Filtering Algorithms in Type-1 Diabetes	3
..... <i>X. Yu, M. Rashid, J. Feng, N. Hobbs, I. Hajizadeh, S. Samadi, M. Sevil, C. Lazaro, Z. Maloney, E. Littlejohn, L. Quinn, and A. Cinar</i>	
Semiglobal Sampled-Data Dynamic Output Feedback Controller for the Glucose–Insulin System	16
..... <i>M. Di Ferdinando, P. Pepe, P. Palumbo, S. Panunzi, and A. De Gaetano</i>	
Data-Driven Anomaly Recognition for Unsupervised Model-Free Fault Detection in Artificial Pancreas	33
..... <i>L. Meneghetti, M. Terzi, S. Del Favero, G. A. Susto, and C. Cobelli</i>	
Data-Driven Disturbance Estimation and Control With Application to Blood Glucose Regulation	48
..... <i>C. Novara, I. Rabbone, and D. Tinti</i>	
System Identification Approaches for Energy Intake Estimation: Enhancing Interventions for Managing Gestational Weight Gain	63
..... <i>P. Guo, D. E. Rivera, J. S. Savage, E. E. Hohman, A. M. Pauley, K. S. Leonard, and D. Symons Downs</i>	
Analysis, Estimation, and Validation of Discrete-Time Epidemic Processes	79
..... <i>P. E. Paré, J. Liu, C. L. Beck, B. E. Kirwan, and T. Başar</i>	
Passivity-Based Inverse Optimal Impulsive Control for Influenza Treatment in the Host	94
..... <i>G. Hernandez-Mejia, A. Y. Alanis, M. Hernandez-Gonzalez, R. Findeisen, and E. A. Hernandez-Vargas</i>	
Optimal Impulsive Control With Application to Antiangiogenic Tumor Therapy	106
..... <i>F. Cacace, V. Cusimano, and P. Palumbo</i>	
Nonparametric Time-Domain Tremor Quantification With Smart Phone for Therapy Individualization	118
..... <i>F. Olsson and A. Medvedev</i>	
Fractional-Order Modeling and Identification for a Phantom EEG System	130
..... <i>G. Besançon, G. Becq, and A. Voda</i>	
Intraoperative Brain Shift Estimation Using Atlas of Brain Deformations and Constrained Kalman Filter	139
..... <i>M. Shakarami, A. A. Suratgar, and H. A. Talebi</i>	

(Contents Continued on Back Cover)



(Contents Continued from Front Cover)

Online Tissue Conductivity Estimation in Deep Brain Stimulation	<i>R. Cubo and A. Medvedev</i>	149
Variable-Gain Control for Respiratory Systems	<i>B. Hunnekens, S. Kamps, and N. van de Wouw</i>	163
Lung Thermal Transfer System Identification With Fractional Models .....	.....	.....
.....	<i>S. Victor, P. Melchior, M. Pellet, and A. Oustaloup</i>	172
Experimental Modeling and Identification of Cardiac Biomarkers Release in Acute Myocardial Infarction .....	.....	.....
.....	<i>A. Procopio, S. De Rosa, M. R. García, C. Covello, A. Merola, J. Sabatino, A. De Luca, C. Indolfi, F. Amato, and C. Cosentino</i>	183
Robust Calibration of High Dimension Nonlinear Dynamical Models for Omics Data: An Application in Cancer Systems Biology	<i>F. Bianconi, C. Antonini, L. Tomassoni, and P. Valigi</i>	196
Multiobjective Identification of a Feedback Synthetic Gene Circuit	<i>Y. Boada, A. Vignoni, and J. Picó</i>	208
Revealing Time-Varying Joint Impedance With Kernel-Based Regression and Nonparametric Decomposition .....	.....	.....
.....	<i>M. van de Ruit, G. Cavallo, J. Lataire, F. C. T. van der Helm, W. Mugge, J.-W. van Wingerden, and A. C. Schouten</i>	224
Model-Free Neuromuscular Electrical Stimulation by Stochastic Extremum Seeking .....	.....	.....
.....	<i>P. Paz, T. R. Oliveira, A. V. Pino, and A. P. Fontana</i>	238
Closed-Loop MISO Identification of Propofol Effect on Blood Pressure and Depth of Hypnosis .....	.....	.....
.....	<i>K. van Heusden, M. Yousefi, J. M. Ansermino, and G. A. Dumont</i>	254
System Identification of <i>Just Walk</i> : Using Matchable-Observable Linear Parametrizations	<i>P. L. dos Santos, M. T. Freigoun, C. A. Martín, D. E. Rivera, E. B. Hekler, R. A. Romano, and T. P. Azevedo Perdicóulis</i>	264

IEEE TRANSACTIONS ON CONTROL OF NETWORK SYSTEMS

A PUBLICATION OF THE IEEE CONTROL SYSTEMS SOCIETY



COSPONSORED BY
IEEE CIRCUITS AND SYSTEMS SOCIETY
IEEE COMMUNICATIONS SOCIETY
IEEE COMPUTER SOCIETY
IEEE ROBOTICS AND AUTOMATION SOCIETY



DECEMBER 2019

VOLUME 6

NUMBER 4

ITCNAY

(ISSN 2325-5870)

PAPERS

Distributed Nonlinear Control Design Using Separable Control Contraction Metrics	<i>H. S. Shiromoto, M. Revay, and I. R. Manchester</i>	1281
Controllability and Observability of Boolean Control Networks via Sampled-Data Control	<i>Q. Zhu, Y. Liu, J. Lu, and J. Cao</i>	1291
Distributed Orientation Estimation in $SO(d)$ and Applications to Formation Control and Network Localization	<i>B.-H. Lee, S.-M. Kang, and H.-S. Ahn</i>	1302
Micro Water–Energy Nexus: Optimal Demand-Side Management and Quasi-Convex Hull Relaxation	<i>Q. Li, S. Yu, A. S. Al-Sumaiti, and K. Turitsyn</i>	1313
Consensus of Higher Order Agents: Robustness and Heterogeneity	<i>D. Mukherjee and D. Zelazo</i>	1323
The Impact of Information in Distributed Submodular Maximization	<i>D. Grimsman, M. S. Ali, J. P. Hespanha, and J. R. Marden</i>	1334
Optimal Induced Spreading of SIS Epidemics in Networks	<i>Z. He and P. Van Mieghem</i>	1344
Distributed Optimization for Network Resource Allocation With Nonsmooth Utility Functions	<i>H. Iiduka</i>	1354
Explicit Computation of Sampling Period in Periodic Event-Triggered Multiagent Control Under Limited Data Rate	<i>P. Yu and D. V. Dimarogonas</i>	1366
Monostability and Bistability of Boolean Networks Using Semitensor Products	<i>S. Chen, Y. Wu, M. Macauley, and X.-M. Sun</i>	1379
Robust Power System State Estimation From Rank-One Measurements	<i>G. Wang, H. Zhu, G. B. Giannakis, and J. Sun</i>	1391
Top-Down Synthesis of Multiagent Formation Control: An Eigenstructure Assignment Based Approach	<i>T. Motoyama and K. Cai</i>	1404

(Contents continued on Page 1280)



(Contents continued from Front Cover)

Online Leader Selection for Collective Tracking and Formation Control: The Second-Order Case	1415
..... <i>A. Franchi, P. R. Giordano, and G. Michieletto</i>	
Distributed Robust Global Containment Control of Second-Order Multiagent Systems With Input Saturation	1426
..... <i>J. Fu, Y. Wan, G. Wen, and T. Huang</i>	
POSE.3C: Prediction-Based Opportunistic Sensing Using Distributed Classification, Clustering, and Control in Heterogeneous Sensor Networks	1438
..... <i>J. Z. Hare, S. Gupta, and T. A. Wettergren</i>	
On Mean Field Games for Agents With Langevin Dynamics	1451
..... <i>K. Bakshi, P. Grover, and E. A. Theodorou</i>	
Game-Theoretic Vaccination Against Networked SIS Epidemics and Impacts of Human Decision-Making	1461
..... <i>A. R. Hota and S. Sundaram</i>	
Sensor Network Event Localization via Nonconvex Nonsmooth ADMM and Augmented Lagrangian Methods	1473
..... <i>C. Zhang and Y. Wang</i>	
A Feedback Control Algorithm to Steer Networks to a Cournot–Nash Equilibrium	1486
..... <i>C. De Persis and N. Monshizadeh</i>	

2019 INDEX Available online at <https://ieeexplore.ieee.org>

IEEE

CONTROL SYSTEMS LETTERS

A PUBLICATION OF THE IEEE CONTROL SYSTEMS SOCIETY



JANUARY 2020

VOLUME 4

NUMBER 1

ICSLBO

(ISSN 2475-1456)

PAPERS

Secure Navigation of Robots in Adversarial Environments	<i>G. Bianchin, Y.-C. Liu, and F. Pasqualetti</i>	1
External Constraint Handling for Solving Optimal Control Problems With Simultaneous Approaches and Interior Point Methods	<i>Y. Nie and E. C. Kerrigan</i>	7
Sparsity Structure and Optimality of Multi-Robot Coverage Control	<i>A. Davydov and Y. Diaz-Mercado</i>	13
Learning Robust LQ-Controllers Using Application Oriented Exploration	<i>M. Ferizbegovic, J. Umenberger, H. Hjalmarsson, and T. B. Schön</i>	19
Robust Hybrid Output Regulation for Linear Systems With Periodic Jumps: The Non-Semiclassical Case ...	<i>G. de Carolis, S. Galeani, and M. Sassano</i>	25
Online Optimization Using Zeroth Order Oracles	<i>I. Shames, D. Selvaratnam, and J. H. Manton</i>	31
Dynamic Vehicle Routing in Presence of Random Recalls	<i>S. D. Bopardikar and V. Srivastava</i>	37
Integral ISS-Based Cascade Stabilization for Vectored-Thrust UAVs	<i>D. Invernizzi, M. Lovera, and L. Zaccarian</i>	43
Optimal Scheduling of Storage Batteries and Power Generators Based on Interval Prediction of Photovoltaics—Monotonicity Analysis for State of Charge	<i>M. Koike, T. Ishizaki, N. Ramdani, and J.-I. Imura</i>	49
Successive Over-Relaxation Q-Learning	<i>C. Kamanchi, R. B. Diddigi, and S. Bhatnagar</i>	55
Efficient and More Accurate Representation of Solution Trajectories in Numerical Optimal Control	<i>Y. Nie and E. C. Kerrigan</i>	61
Distributed Linear Quadratic Optimal Control: Compute Locally and Act Globally	<i>J. Jiao, H. L. Trentelman, and M. K. Camlibel</i>	67
Generalized Active Disturbance Rejection Controller for Load Frequency Control in Power Systems	<i>S. Jain and Y. V. Hote</i>	73
From Obstacle-Based Space Partitioning to Corridors and Path Planning. A Convex Lifting Approach	<i>D. Ioan, S. Olaru, I. Prodan, F. Stoican, and S.-I. Niculescu</i>	79
Nonlinear Input Design as Optimal Control of a Hamiltonian System	<i>J. Umenberger and T. B. Schön</i>	85
On the Existence of a Stabilizing Solution of Modified Algebraic Riccati Equations in Terms of Standard Algebraic Riccati Equations and Linear Matrix Inequalities	<i>F. J. Vargas and R. A. González</i>	91
Construction Methods of the Nearest Positive System	<i>K. Sato and A. Takeda</i>	97

(Contents Continued on Page ii)



Hierarchical Event-Triggered Learning for Cyclically Excited Systems With Application to Wireless Sensor Networks	<i>J. Beuchert, F. Solowjow, J. Raisch, S. Trimpe, and T. Seel</i>	103
Frequency Domain Maximum Likelihood Identification With Gaussian Input–Output Uncertainty	<i>D. Verbeke and M. M. Khorasani</i>	109
Worst-Case Probabilistic Network Outage Identification Under Physical Disturbances	<i>H. T. Nguyen, M. Parvania, and P. Khargonekar</i>	115
MinMax Mean-Field Team Approach for a Leader–Follower Network: A Saddle-Point Strategy	<i>M. M. Baharloo, J. Arabneydi, and A. G. Aghdam</i>	121
Control-Guided Communication: Efficient Resource Arbitration and Allocation in Multi-Hop Wireless Control Systems	<i>D. Baumann, F. Mager, M. Zimmerling, and S. Trimpe</i>	127
Solution for the Continuous-Time Infinite-Horizon Linear Quadratic Regulator Subject to Scalar State Constraints	<i>T. van Keulen</i>	133
A Controller Architecture With Anti-Windup	<i>H. Niemann</i>	139
Tuning-Free, Low Memory Robust Estimator to Mitigate GPS Spoofing Attacks	<i>J. Lee, A. F. Taha, N. Gatsis, and D. Akopian</i>	145
Trajectory Convergence From Coordinate-Wise Decrease of Quadratic Energy Functions, and Applications to Platoons	<i>J. M. Hendrickx, B. Gerencsér, and B. Fidan</i>	151
Approximate Multiparametric Mixed-Integer Convex Programming	<i>D. Malyuta and B. Açikmeşe</i>	157
Time Delays in a Genetic Positive-Feedback Circuit	<i>A. Borri, P. Palumbo, and A. Singh</i>	163
A Fundamental Performance Limitation for Adversarial Classification	<i>A. Al Makdah, V. Katewa, and F. Pasqualetti</i>	169
An Admissible Heuristic to Improve Convergence in Kinodynamic Planners Using Motion Primitives	<i>B. Sakcak, L. Bascetta, G. Ferretti, and M. Prandini</i>	175
Consistent Event-Triggered Control for Discrete-Time Linear Systems With Partial State Information	<i>D. J. Antunes and M. H. Balaghi I.</i>	181
Spectral Characterization of the Multi-Seasonal Component of the Italian Electric Load: A LASSO-FFT Approach	<i>A. Incremona and G. De Nicolao</i>	187
Sensor and Actuator Placement for Proportional Feedback Control in Advection-Diffusion Equations	<i>D. W. M. Veldman, R. H. B. Fey, H. J. Zwart, M. M. J. van de Wal, J. D. B. J. van den Boom, and H. Nijmeijer</i>	193
A Control-Theoretic Approach to Analysis and Parameter Selection of Douglas–Rachford Splitting	<i>J. H. Seidman, M. Fazlyab, V. M. Preciado, and G. J. Pappas</i>	199
Checking Structural Stability of BDC-Decomposable Systems via Convex Optimisation	<i>F. Blanchini, G. Chesi, P. Colaneri, and G. Giordano</i>	205
Scale-Free Estimation of the Average State in Large-Scale Systems	<i>M. U. B. Niazi, D. Deplano, C. Canudas-de-Wit, and A. Y. Kibangu</i>	211
On Linear Quadratic Optimal Control for Time-Varying Multimodal Linear Systems With Time-Triggered Jumps	<i>G. de Carolis and A. Saccon</i>	217
Higher Order Sliding Mode Observers in Power Grids With Traditional and Renewable Sources	<i>G. Rinaldi, P. P. Menon, C. Edwards, and A. Ferrara</i>	223
A Distributed Algorithm That Finds Almost Best Possible Estimate Under Non-Vanishing and Time-Varying Measurement Noise	<i>J. G. Lee and H. Shim</i>	229
Formal Methods for Computing Hyperbolic Invariant Sets for Nonlinear Systems	<i>G. O. Berger and R. M. Jungers</i>	235
Periodic Switching in a Recombinase-Based Molecular Circuit	<i>C. Cuba Samaniego, G. Giordano, and E. Franco</i>	241
Distributed Alternating Direction Method of Multipliers for Linearly Constrained Optimization Over a Network	<i>R. Carli and M. Dotoli</i>	247
Decentralized Gain Adaptation for Optimal Pinning Controllability of Complex Networks	<i>A. Di Meglio, P. De Lellis, and M. di Bernardo</i>	253
Supervisory Control of Communicating Timed Discrete Event Systems for State Avoidance Problem	<i>S. Pruekprasert and T. Ushio</i>	259

UPCOMING CONFERENCES



American Control Conference ACC 2020

July 1–3, Denver, Colorado, USA

Paper Submission Deadline:
September 23, 2019 (Passed)

Acceptance/Rejection Notice:
January 31, 2020

Final Manuscript Submission:
March 15, 2020

<http://acc2020.a2c2.org/>



Conference on
Control Technology and Applications
CCTA 2020

August 24–26, Montreal, Canada

Initial Submission Deadline:
October 27, 2019 (Passed)

Notification of Acceptance/Rejection:
April 26, 2020

Final Submission Due Date:
May 21, 2020

<http://ccta2020.ieeeccs.org/>



Conference on Decision and Control **CDC 2020**

December 8–11, Jeju Island, Republic of Korea

Initial Paper Submissions to L-CSS with CDC Option Due:

March 3, 2020

Invited Session Proposals Due:

March 10, 2020

Initial Paper Submissions Due:

March 17, 2020

Workshop Proposals Due:

May 1, 2020

Paper and Workshop Decision Notification:

mid-July, 2020

Accepted Papers Due:

September 10, 2020

<http://cdc2020.ieeecss.org/>



American Control Conference **ACC 2021**

May 26–28, New Orleans, Louisiana, USA

<http://acc2021.a2c2.org/>