SIAM Journal on Control and Optimization 2018, Volume 56, Issue 3, pp. 1577-2461

Endogenous Formation of Limit Order Books: Dynamics Between Trades Roman Gayduk and Sergey Nadtochiy SIAM Journal on Control and Optimization 2018 56:3, 1577-1619

Feedback Stabilization and Boundary Controllability of the Korteweg--de Vries Equation on a Star-Shaped Network Kaïs Ammari and Emmanuelle Crépeau **SIAM Journal on Control and Optimization** 2018 56:3, 1620-1639

Stability Analysis of Power Systems: A Network Synchronization Perspective Lijun Zhu and David J. Hill SIAM Journal on Control and Optimization 2018 56:3, 1640-1664

Optimal Velocity Control of a Viscous Cahn--Hilliard System with Convection and Dynamic Boundary Conditions Pierluigi Colli, Gianni Gilardi, and Jürgen Sprekels **SIAM Journal on Control and Optimization** 2018 56:3, 1665-1691

On the Reachable Set for the One-Dimensional Heat Equation Jérémi Dardé and Sylvain Ervedoza SIAM Journal on Control and Optimization 2018 56:3, 1692-1715

On Error Bounds and Multiplier Methods for Variational Problems in Banach Spaces Christian Kanzow and Daniel Steck SIAM Journal on Control and Optimization 2018 56:3, 1716-1738

Minimization of State Bounding for Perturbed Positive Systems with Delays P. T. Nam, H. Trinh, and P. N. Pathirana SIAM Journal on Control and Optimization 2018 56:3, 1739-1755

Set-Valued Sliding-Mode Control of Uncertain Linear Systems: Continuous and Discrete-Time Analysis

Félix A. Miranda-Villatoro, Bernard Brogliato, and Fernando Castaños **SIAM Journal on Control and Optimization** 2018 56:3, 1756-1793

Optimal Strokes at Low Reynolds Number: A Geometric and Numerical Study of Copepod and Purcell Swimmers P. Bettiol, B. Bonnard, and J. Rouot SIAM Journal on Control and Optimization 2018 56:3, 1794-1822

Stochastic Optimal Control Problems with Control and Initial-Final States Constraints Hélène Frankowska, Haisen Zhang, and Xu Zhang SIAM Journal on Control and Optimization 2018 56:3, 1823-1855

Optimal Drift Rate Control and Impulse Control for a Stochastic Inventory/Production System Ping Cao and Dacheng Yao SIAM Journal on Control and Optimization 2018 56:3, 1856-1883 Consensus in Networks of Multiagents with Stochastically Switching Topologies and Time-Varying Delays Bo Liu, Wenlian Lu, Licheng Jiao, and Tianping Chen **SIAM Journal on Control and Optimization** 2018 56:3, 1884-1911

Robust Utility Maximization in Discrete-Time Markets with Friction Ariel Neufeld and Mario Šikić SIAM Journal on Control and Optimization 2018 56:3, 1912-1937

Convergence, Stability, and Robustness of Multidimensional Opinion Dynamics in Continuous Time

Serap Tay Stamoulas and Muruhan Rathinam SIAM Journal on Control and Optimization 2018 56:3, 1938-1967

A Projected Gradient and Constraint Linearization Method for Nonlinear Model Predictive Control

Giampaolo Torrisi, Sergio Grammatico, Roy S. Smith, and Manfred Morari **SIAM Journal on Control and Optimization** 2018 56:3, 1968-1999

Optimal Control of Continuous-Time Markov Chains with Noise-Free Observation A. Calvia

SIAM Journal on Control and Optimization 2018 56:3, 2000-2035

On the Optimal Management of Public Debt: a Singular Stochastic Control Problem Giorgio Ferrari

SIAM Journal on Control and Optimization 2018 56:3, 2036-2073

A New Approach to Cooperative Output Regulation for Heterogeneous Multi-Agent Systems Fei Yan, Guoxiang Gu, and Xiang Chen SIAM Journal on Control and Optimization 2018 56:3, 2074-2094

Zero-Sum Stochastic Differential Games Without the Isaacs Condition: Random Rules of Priority and Intermediate Hamiltonians Daniel Hernández-Hernández and Mihai Sîrbu SIAM Journal on Control and Optimization 2018 56:3, 2095-2119

Type II Singular Perturbation Approximation for Linear Systems with Lévy Noise Martin Redmann SIAM Journal on Control and Optimization 2018 56:3, 2120-2158

Asymptotic Properties of Primal-Dual Algorithm for Distributed Stochastic Optimization over Random Networks with Imperfect Communications Jinlong Lei, Han-Fu Chen, and Hai-Tao Fang **SIAM Journal on Control and Optimization** 2018 56:3, 2159-2188

Distributed Consensus for Multiagent Systems via Directed Spanning Tree Based Adaptive Control

Zhiyong Yu, Da Huang, Haijun Jiang, Cheng Hu, and Wenwu Yu **SIAM Journal on Control and Optimization** 2018 56:3, 2189-2217

Global Stability of Feedback Systems with Multiplicative Noise on the Nonnegative Orthant Jifa Jiang and Xiang Lv

SIAM Journal on Control and Optimization 2018 56:3, 2218-2247

Weak Rigidity Theory and Its Application to Formation Stabilization Gangshan Jing, Guofeng Zhang, Heung Wing Joseph Lee, and Long Wang SIAM Journal on Control and Optimization 2018 56:3, 2248-2273

Strong Local Optimality for a Bang-Bang-Singular Extremal: The Fixed-Free Case Laura Poggiolini and Gianna Stefani SIAM Journal on Control and Optimization 2018 56:3, 2274-2294

Vector-Valued Multibang Control of Differential Equations Christian Clason, Carla Tameling, and Benedikt Wirth SIAM Journal on Control and Optimization 2018 56:3, 2295-2326

Expressing an Observer in Preferred Coordinates by Transforming an Injective Immersion into a Surjective Diffeomorphism P. Bernard, V. Andrieu, and L. Praly SIAM Journal on Control and Optimization 2018 56:3, 2327-2352

Strong Local Minimizers in Optimal Control Problems with State Constraints: Second-Order Necessary Conditions Hélène Frankowska and Nikolai P. Osmolovskii SIAM Journal on Control and Optimization 2018 56:3, 2353-2376

On Contraction of Functional Differential Equations Pham Huu Anh Ngoc and Hieu Trinh SIAM Journal on Control and Optimization 2018 56:3, 2377-2397

The Effect of Time-Varying Jamming Interference on Networked Stabilization Ahmet Cetinkaya, Hideaki Ishii, and Tomohisa Hayakawa SIAM Journal on Control and Optimization 2018 56:3, 2398-2435

Positivity, Monotonicity, and Consensus on Lie Groups Cyrus Mostajeran and Rodolphe Sepulchre SIAM Journal on Control and Optimization 2018 56:3, 2436-2461