

Optimal Consumption in the Stochastic Ramsey Problem without Boundedness Constraints

Yu-Jui Huang and Saeed Khalili

SIAM Journal on Control and Optimization 2019 57:2, 783-809

A Control Lyapunov Function Approach to Feedback Stabilization of Logical Control Networks

Haitao Li and Xueying Ding

SIAM Journal on Control and Optimization 2019 57:2, 810-831

Internal Observability for Coupled Systems of Linear Partial Differential Equations

Pierre Lissy and Enrique Zuazua

SIAM Journal on Control and Optimization 2019 57:2, 832-853

Iterative Hard-Thresholding Applied to Optimal Control Problems with $L^0(\Omega)$ Control Cost

Daniel Wachsmuth

SIAM Journal on Control and Optimization 2019 57:2, 854-879

Long Run Control with Degenerate Observation

Lukasz Stettner

SIAM Journal on Control and Optimization 2019 57:2, 880-899

Null Controllability for Parabolic Operators with Interior Degeneracy and One-Sided Control

Piermarco Cannarsa, Roberto Ferretti, and Patrick Martinez

SIAM Journal on Control and Optimization 2019 57:2, 900-924

Adaptive Robust Control under Model Uncertainty

Tomasz R. Bielecki, Tao Chen, Igor Cialenco, Areski Cousin, and Monique Jeanblanc

SIAM Journal on Control and Optimization 2019 57:2, 925-946

Local Controllability for Abnormal Systems

Evgeny Avakov

SIAM Journal on Control and Optimization 2019 57:2, 947-962

Boundary Exponential Stabilization of 1-Dimensional Inhomogeneous Quasi-Linear Hyperbolic Systems

Long Hu, Rafael Vazquez, Florent Di Meglio, and Miroslav Krstic

SIAM Journal on Control and Optimization 2019 57:2, 963-998

Regulation of Linear Input Delayed Systems without Delay Knowledge

Yusheng Wei and Zongli Lin

SIAM Journal on Control and Optimization 2019 57:2, 999-1022

Stability Properties of Systems of Linear Stochastic Differential Equations with Random Coefficients

Adrian N. Bishop and Pierre Del Moral

SIAM Journal on Control and Optimization 2019 57:2, 1023-1042

Krasovskii and Razumikhin Stability Theorems for Stochastic Switched Nonlinear Time-Delay Systems

Wei Ren and Junlin Xiong

SIAM Journal on Control and Optimization 2019 57:2, 1043-1067

Optimal Attitude Control with Two Rotation Axes

Yuly Billig

SIAM Journal on Control and Optimization 2019 57:2, 1068-1093

Stochastic ϵ -Optimal Linear Quadratic Adaptation: An Alternating Controls Policy

Peter E. Caines and David Levanony

SIAM Journal on Control and Optimization 2019 57:2, 1094-1126

Optimal Time for the Controllability of Linear Hyperbolic Systems in One-Dimensional Space

Jean-Michel Coron and Hoai-Minh Nguyen
SIAM Journal on Control and Optimization 2019 57:2, 1127-1156

Contracting Theory with Competitive Interacting Agents
Romuald Elie and Dylan Possamaï
SIAM Journal on Control and Optimization 2019 57:2, 1157-1188

Estimating the Region of Attraction on a Complex Dynamical Network
Shuaibing Zhu, Jin Zhou, Guanrong Chen, and Jun-an Lu
SIAM Journal on Control and Optimization 2019 57:2, 1189-1208

Partial Approximate Controllability for Linear Stochastic Control Systems
Fangfang Dou and Qi Lu
SIAM Journal on Control and Optimization 2019 57:2, 1209-1229

Output Consensus of Networked Hammerstein and Wiener Systems
Wenhui Feng and Han-Fu Chen
SIAM Journal on Control and Optimization 2019 57:2, 1230-1254

Pseudo-Backstepping and Its Application to the Control of Korteweg--de Vries Equation from the Right Endpoint on a Finite Domain
Türker Özsarı and Ahmet Batal
SIAM Journal on Control and Optimization 2019 57:2, 1255-1283

Approximate and Exact Controllability of the Continuity Equation with a Localized Vector Field
Michel Duprez, Morgan Morancey, and Francesco Rossi
SIAM Journal on Control and Optimization 2019 57:2, 1284-1311

Stochastic Control and Differential Games with Path-Dependent Influence of Controls on Dynamics and Running Cost
Yuri F. Saporito
SIAM Journal on Control and Optimization 2019 57:2, 1312-1327

Optimal Control of the Two-Dimensional Stationary Navier--Stokes Equations with Measure Valued Controls
Eduardo Casas and Karl Kunisch
SIAM Journal on Control and Optimization 2019 57:2, 1328-1354

Proportional Local Assignability of Lyapunov Spectrum of Linear Discrete Time-Varying Systems
Artur Babiarz, Irina Banskchikova, Adam Czornik, Evgenii Makarov, Michał Niezabitowski, and Svetlana Popova
SIAM Journal on Control and Optimization 2019 57:2, 1355-1377

On Passivity of Fractional Order Systems
Mohsen Rakhshan, Vijay Gupta, and Bill Goodwine
SIAM Journal on Control and Optimization 2019 57:2, 1378-1389

Optimal Control of PDEs in a Complex Space Setting: Application to the Schrödinger Equation
M. Soledad Aronna, Joseph Frédéric Bonnans, and Axel Kröner
SIAM Journal on Control and Optimization 2019 57:2, 1390-1412

Stabilization of Regime-Switching Processes by Feedback Control Based on Discrete Time Observations II: State-Dependent Case
Jinghai Shao and Fubao Xi
SIAM Journal on Control and Optimization 2019 57:2, 1413-1439

Continuity of Pontryagin Extremals with Respect to Delays in Nonlinear Optimal Control
Riccardo Bonalli, Bruno Hérissé, and Emmanuel Trélat
SIAM Journal on Control and Optimization 2019 57:2, 1440-1466

Nondispersal and Density Properties of Infinite Packings
Alexandre Delyon, Antoine Henrot, and Yannick Privat
SIAM Journal on Control and Optimization 2019 57:2, 1467-1492

Null Controllability of a Linearized Korteweg--de Vries Equation by Backstepping Approach
S. Xiang
SIAM Journal on Control and Optimization 2019 57:2, 1493-1515

Ergodic Control of a Class of Jump Diffusions with Finite Lévy Measures and Rough Kernels
Ari Arapostathis, Luis Caffarelli, Guodong Pang, and Yi Zheng
SIAM Journal on Control and Optimization 2019 57:2, 1516-1540