

SIAM Journal on Control and Optimization
2018, Volume 56, Issue 4, pp. 2463-3127

Convergence Properties of Adaptive Systems and the Definition of Exponential Stability
Benjamin M. Jenkins, Anuradha M. Annaswamy, Eugene Lavretsky, and Travis E. Gibson
SIAM Journal on Control and Optimization 2018 56:4, 2463-2484

Reduced Order Observer of Finite Dimensional Radiative-Conductive Heat Transfer Systems
Mohamed Ghattassi, Mohamed Boutayeb, and Jean Rodolphe Roche
SIAM Journal on Control and Optimization 2018 56:4, 2485-2512

Optimal Control of Nonlinear Elliptic Problems with Sparsity
Augusto C. Ponce and Nicolas Wilmet
SIAM Journal on Control and Optimization 2018 56:4, 2513-2535

Existence of Value for a Differential Game with Incomplete Information and Revealing
Xiaochi Wu
SIAM Journal on Control and Optimization 2018 56:4, 2536-2562

A General Stochastic Maximum Principle for a Markov Regime Switching Jump-Diffusion
Model of Mean-Field Type
Xin Zhang, Zhongyang Sun, and Jie Xiong
SIAM Journal on Control and Optimization 2018 56:4, 2563-2592

Type II Balanced Truncation for Deterministic Bilinear Control Systems
Martin Redmann
SIAM Journal on Control and Optimization 2018 56:4, 2593-2612

Pursuit-Evasion Guidance in a Switched System
Vladimir Turetsky and Tal Shima
SIAM Journal on Control and Optimization 2018 56:4, 2613-2633

LQ-Optimal Sampled-Data Control under Stochastic Delays: Gridding Approach for
Stabilizability and Detectability
Masashi Wakaiki, Masaki Ogura, and João P. Hespanha
SIAM Journal on Control and Optimization 2018 56:4, 2634-2661

Structured Robust Stability and Boundedness of Nonlinear Hybrid Delay Systems
Weiyin Fei, Liangjian Hu, Xuerong Mao, and Mingxuan Shen
SIAM Journal on Control and Optimization 2018 56:4, 2662-2689

On Some Ergodic Impulse Control Problems with Constraint
J. L. Menaldi and M. Robin
SIAM Journal on Control and Optimization 2018 56:4, 2690-2711

The Convex Feasible Set Algorithm for Real Time Optimization in Motion Planning
Changliu Liu, Chung-Yen Lin, and Masayoshi Tomizuka
SIAM Journal on Control and Optimization 2018 56:4, 2712-2733

On Best-Response Dynamics in Potential Games
Brian Swenson, Ryan Murray, and Soumya Kar
SIAM Journal on Control and Optimization 2018 56:4, 2734-2767

Boundary Control for Optimal Mixing via Navier--Stokes Flows

Weiwei Hu and Jiahong Wu

SIAM Journal on Control and Optimization 2018 56:4, 2768-2801

Stability for the Mixed Problem Involving the Wave Equation, with Localized Damping, in Unbounded Domains with Finite Measure

Marcelo M. Cavalcanti, Flávio R. Dias Silva, Valéria N. Domingos Cavalcanti, and André Vicente

SIAM Journal on Control and Optimization 2018 56:4, 2802-2834

Linear-Quadratic-Gaussian Mixed Mean-Field Games with Heterogeneous Input Constraints

Ying Hu, Jianhui Huang, and Tianyang Nie

SIAM Journal on Control and Optimization 2018 56:4, 2835-2877

Filippov--Ważewski Theorem for Subdifferential Inclusions with an Unbounded Perturbation

A. A. Tolstonogov

SIAM Journal on Control and Optimization 2018 56:4, 2878-2900

Exact Controllability in Projections of the Bilinear Schrödinger Equation

Marco Caponigro and Mario Sigalotti

SIAM Journal on Control and Optimization 2018 56:4, 2901-2920

Null-Controllability of the Linear Kuramoto--Sivashinsky Equation on Star-Shaped Trees

Cristian M. Cazacu, Liviu I. Ignat, and Ademir F. Pazoto

SIAM Journal on Control and Optimization 2018 56:4, 2921-2958

Optimal Control of Diffusion Coefficients via Decoupling Fields

Stefan Ankirchner and Alexander Fromm

SIAM Journal on Control and Optimization 2018 56:4, 2959-2976

Optimal Variance Reduction for Markov Chain Monte Carlo

Lu-Jing Huang, Yin-Ting Liao, Ting-Li Chen, and Chii-Ruey Hwang

SIAM Journal on Control and Optimization 2018 56:4, 2977-2996

Swarming for Faster Convergence in Stochastic Optimization

Shi Pu and Alfredo Garcia

SIAM Journal on Control and Optimization 2018 56:4, 2997-3020

Stochastic Dominance Constraints in Elastic Shape Optimization

Sergio Conti, Martin Rumpf, Rüdiger Schultz, and Sascha Tölkes

SIAM Journal on Control and Optimization 2018 56:4, 3021-3034

On the Controllability of the Improved Boussinesq Equation

Eduardo Cerpa and Emmanuelle Crépeau

SIAM Journal on Control and Optimization 2018 56:4, 3035-3049

Portfolio Choice with Market--Credit-Risk Dependencies

Lijun Bo and Agostino Capponi

SIAM Journal on Control and Optimization 2018 56:4, 3050-3091

Internal Controllability of Systems of Semilinear Coupled One-Dimensional Wave Equations with One Control

Christophe Zhang

SIAM Journal on Control and Optimization 2018 56:4, 3092-3127
