

SIAM Journal on Control and Optimization

2015

Volume 53, Issue 2, pp. 575-1106

Content

[Byzantine Fault Tolerant Distributed Quickest Change Detection](#)

Erhan Bayraktar and Lifeng Lai

SIAM Journal on Control and Optimization 2015 53:2, 575-591

[Attainable Subspaces and the Bang-Bang Property of Time Optimal Controls for Heat Equations](#)

Gengsheng Wang, Yashan Xu, and Yubiao Zhang

SIAM Journal on Control and Optimization 2015 53:2, 592-621

[Analysis of an Adaptive Finite Element Method for Recovering the Robin Coefficient](#)

Yifeng Xu and Jun Zou

SIAM Journal on Control and Optimization 2015 53:2, 622-644

[Global CLF Stabilization of Nonlinear Systems. Part II: An Approximation Approach---Closed CVS](#)

Julio Solís-Daun

SIAM Journal on Control and Optimization 2015 53:2, 645-669

[Distributed Control of Linear Systems Allowing Choices](#)

Zhongchang Liu and Wing Shing Wong

SIAM Journal on Control and Optimization 2015 53:2, 670-689

[A Non-Markovian Liquidation Problem and Backward SPDEs with Singular Terminal Conditions](#)

Paulwin Graewe, Ulrich Horst, and Jinniao Qiu

SIAM Journal on Control and Optimization 2015 53:2, 690-711

[Optimal Control with Budget Constraints and Resets](#)

R. Takei, W. Chen, Z. Clawson, S. Kirov, and A. Vladimirs

SIAM Journal on Control and Optimization 2015 53:2, 712-744

[A Priori Error Estimates for a Finite Element Discretization of Parabolic Optimization Problems with Pointwise Constraints in Time on Mean Values of the Gradient of the State](#)

Francesco Ludovici and Winnifried Wollner

SIAM Journal on Control and Optimization 2015 53:2, 745-770

[Droplet Footprint Control](#)

Antoine Laurain and Shawn W. Walker

SIAM Journal on Control and Optimization 2015 53:2, 771-799

[Boundary Integrability of Multiple Stokes--Dirac Structures](#)

Gou Nishida, Bernhard Maschke, and Ryojun Ikeura

SIAM Journal on Control and Optimization 2015 53:2, 800-815

[Complexity of Control-Affine Motion Planning](#)

F. Jean and D. Prandi

SIAM Journal on Control and Optimization 2015 53:2, 816-844

[Spectral Assignment for Neutral-Type Systems and Moment Problems](#)

K. V. Sklyar, R. Rabah, and G. M. Sklyar

SIAM Journal on Control and Optimization 2015 53:2, 845-873

[Finite Element Discretization of State-Constrained Elliptic Optimal Control Problems with Semilinear State Equation](#)

Ira Neitzel, Johannes Pfefferer, and Arnd Rösch

SIAM Journal on Control and Optimization 2015 53:2, 874-904

[Stabilization of Hybrid Systems by Feedback Control Based on Discrete-Time State Observations](#)

Surong You, Wei Liu, Jianqiu Lu, Xuerong Mao, and Qinwei Qiu
SIAM Journal on Control and Optimization 2015 53:2, 905-925

Two Equivalence Theorems of Different Kinds of Optimal Control Problems for Schrödinger Equations

Yubiao Zhang
SIAM Journal on Control and Optimization 2015 53:2, 926-947

On the Controllability of the Rolling Problem onto the Hyperbolic \mathbb{H}^n -space

Y. Chitour, M. Godoy Molina, and P. Kokkonen
SIAM Journal on Control and Optimization 2015 53:2, 948-968

A Max-plus Dual Space Fundamental Solution for a Class of Operator Differential Riccati Equations

Peter M. Dower and William M. McEneaney
SIAM Journal on Control and Optimization 2015 53:2, 969-1002

Inexact Newton Methods and Dennis--Moré Theorems for Nonsmooth Generalized Equations

R. Cibulka, A. Dontchev, and M. H. Geoffroy
SIAM Journal on Control and Optimization 2015 53:2, 1003-1019

Remarks on the Internal Exponential Stabilization to a Nonstationary Solution for 1D Burgers Equations

Axel Kröner and Sérgio S. Rodrigues
SIAM Journal on Control and Optimization 2015 53:2, 1020-1055

Online Learning of Nash Equilibria in Congestion Games

Walid Krichene, Benjamin Drighès, and Alexandre M. Bayen
SIAM Journal on Control and Optimization 2015 53:2, 1056-1081

Dynamic Programming for General Linear Quadratic Optimal Stochastic Control with Random Coefficients

Shanjian Tang
SIAM Journal on Control and Optimization 2015 53:2, 1082-1106