

Multilayer State Predictors for Nonlinear Systems with Time-Varying Measurement Delays  
S. Battilotti  
**SIAM Journal on Control and Optimization** 2019 57:3, 1541-1566

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Linear-Quadratic Optimal Control of Differential-Algebraic Systems: The Infinite Time Horizon Problem with Zero Terminal State  
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**SIAM Journal on Control and Optimization** 2019 57:3, 1567-1596

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Effects of Parametric Uncertainties in Cascaded Open Quantum Harmonic Oscillators and Robust Generation of Gaussian Invariant States  
Igor G. Vladimirov, Ian R. Petersen, and Matthew R. James  
**SIAM Journal on Control and Optimization** 2019 57:3, 1597-1628

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Boundary Observability for the Viscoelastic Wave Equation  
Walton Green, Shitao Liu, and Mishko Mitkovski  
**SIAM Journal on Control and Optimization** 2019 57:3, 1629-1645

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Parameter Uncertainty in the Kalman--Bucy Filter  
Andrew L. Allan and Samuel N. Cohen  
**SIAM Journal on Control and Optimization** 2019 57:3, 1646-1671

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An Optimal Control Problem Governed by a Regularized Phase-Field Fracture Propagation Model. Part II: The Regularization Limit  
Ira Neitzel, Thomas Wick, and Winnifried Wollner  
**SIAM Journal on Control and Optimization** 2019 57:3, 1672-1690

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Game Theoretic Control of Multiagent Systems  
Ting Liu, Jinhuan Wang, Xiao Zhang, and Daizhan Cheng  
**SIAM Journal on Control and Optimization** 2019 57:3, 1691-1709

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Observability of Linear Time-Varying Systems with Quasiderivative Coefficients  
Anatoly I. Astrovskii and Ivan V. Gaishun  
**SIAM Journal on Control and Optimization** 2019 57:3, 1710-1729

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Error Estimates for Space-Time Discretization of Parabolic Time-Optimal Control Problems with Bang-Bang Controls  
Lucas Bonifacius, Konstantin Pieper, and Boris Vexler  
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A Simple Framework for Stability Analysis of State-Dependent Networks of Heterogeneous Agents  
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**SIAM Journal on Control and Optimization** 2019 57:3, 1757-1782

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LP Formulations of Discrete Time Long-Run Average Optimal Control Problems: The NonErgodic Case  
Vivek S. Borkar, Vladimir Gaitsgory, and Ilya Shvartsman  
**SIAM Journal on Control and Optimization** 2019 57:3, 1783-1817

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Well-Posedness and Stability of Infinite-Dimensional Linear Port-Hamiltonian Systems with Nonlinear Boundary Feedback  
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**SIAM Journal on Control and Optimization** 2019 57:3, 1818-1844

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Optimal Exit Time from Casino Gambling: Strategies of Precommitted and Naive Gamblers  
Xue Dong He, Sang Hu, Jan Oblój, and Xun Yu Zhou  
**SIAM Journal on Control and Optimization** 2019 57:3, 1845-1868

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On the Compensator in the Doob--Meyer Decomposition of the Snell Envelope  
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**SIAM Journal on Control and Optimization** 2019 57:3, 1869-1889

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Adaptive Error Feedback Regulation Problem for an Euler--Bernoulli Beam Equation with  
General Unmatched Boundary Harmonic Disturbance  
Wei Guo and Hua-Cheng Zhou  
**SIAM Journal on Control and Optimization** 2019 57:3, 1890-1928

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Robustness to Incorrect Priors in Partially Observed Stochastic Control  
Ali Devran Kara and Serdar Yüksel  
**SIAM Journal on Control and Optimization** 2019 57:3, 1929-1964

---

Is it Possible to Stabilize Discrete-Time Parameterized Uncertain Systems Growing  
Exponentially Fast?  
Zhaobo Liu and Chanying Li  
**SIAM Journal on Control and Optimization** 2019 57:3, 1965-1984

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Optimal Control on the Doubly Infinite Time Axis for Well-Posed Linear Systems  
Mark R. Opmeer and Olof J. Staffans  
**SIAM Journal on Control and Optimization** 2019 57:3, 1985-2015

---

Small-Gain-Based Boundary Feedback Design for Global Exponential Stabilization of One-  
Dimensional Semilinear Parabolic PDEs  
Iasson Karafyllis and Miroslav Krstic  
**SIAM Journal on Control and Optimization** 2019 57:3, 2016-2036

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Approximate Controllability from the Exterior of Space-Time Fractional Diffusive Equations  
Mahamadi Warma  
**SIAM Journal on Control and Optimization** 2019 57:3, 2037-2063

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Mean Field Games with Partial Observation  
Nevroz Şen and Peter E. Caines  
**SIAM Journal on Control and Optimization** 2019 57:3, 2064-2091

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Global Closed-Form Approximation of Free Boundary for Optimal Investment Stopping  
Problems  
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**SIAM Journal on Control and Optimization** 2019 57:3, 2092-2121

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Bifurcation Controller Designs for the Generalized Cusp Plants of Bogdanov--Takens  
Singularity with an Application to Ship Control  
Majid Gazor and Nasrin Sadri  
**SIAM Journal on Control and Optimization** 2019 57:3, 2122-2151

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Local Exact Boundary Controllability for the Compressible Navier--Stokes Equations  
Nicolás Molina  
**SIAM Journal on Control and Optimization** 2019 57:3, 2152-2184

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HJB Equations with Gradient Constraint Associated with Controlled Jump-Diffusion Processes  
Mark Kelbert and Harold A. Moreno-Franco  
**SIAM Journal on Control and Optimization** 2019 57:3, 2185-2213

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Integral Outputs-Based Robust State Observers Design for Time-Delay Systems

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Cost-Effective Robust Stabilization and Bifurcation Suppression

Kevin E. M. Church and Xinzhi Liu

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