# Bin Zhou

List of Publications by Year
in descending order



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|---|---|---|---|
| 230 papers | 6,657 citations | 57758 44 h-index | 79698 73 g-index |
| 233 all docs | 233 docs citations | 233 times ranked | 2194 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | optimal control of unknown continuous time linear periodic systems by adaptive dynamic programming with applications to magnetic attitude control. Optimal Control Applications and Methods, 2023, 44, 1341-1355. | 2.1 | 3 |
| 2 | A Linear Time-Varying Inequality Approach for Prescribed Time Stability and Stabilization. IEEE Transactions on Cybernetics, 2023, 53, 1880-1889. | 9.5 | 14 |
| 3 | Prescribed-Time Unknown Input Observers Design by Using Periodic Delayed Output With Application to Fault Estimation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 664-674. | 9.3 | 8 |
| 4 | Global Stabilization of the Spacecraft Rendezvous System by Delayed and Bounded Linear Feedback. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1373-1384. | 9.3 | 9 |
| 5 | Practical Prescribed-Time Sampled-Data Control of Linear Systems With Applications to the Air-Bearing Testbed. IEEE Transactions on Industrial Electronics, 2022, 69, 6152-6161. | 7.9 | 11 |
| 6 | Fixed-Time Stabilization of Linear Delay Systems by Smooth Periodic Delayed Feedback. IEEE Transactions on Automatic Control, 2022, 67, 557-573. | 5.7 | 25 |
| 7 | Event-Triggered and Self-Triggered Control of Discrete-Time Systems With Input Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1948-1957. | 9.3 | 24 |
| 8 | Prescribedâ€time stabilization of pâ€normal nonlinear systems by bounded timeâ€varying feedback. International Journal of Robust and Nonlinear Control, 2022, 32, 421-450. | 3.7 | 12 |
| 9 | Finiteâ€time output regulation by bounded linear timeâ€varying controls with applications to the satellite formation flying. International Journal of Robust and Nonlinear Control, 2022, 32, 451-471. | 3.7 | 9 |
| 10 | A novel actâ€andâ€wait control scheme for fixedâ€time stabilization of inputâ€delay systems and assignment ofÂtheÂmonodromy matrix. International Journal of Robust and Nonlinear Control, 2022, 32, 987-1003. | 3.7 | 4 |
| 11 | Stabilisation of quadrotor aircraft with constrained controls. International Journal of Systems Science, 2022, 53, 1245-1259. | 5.5 | 3 |
| 12 | On hyper-exponential stability and stabilization of linear systems by bounded linear time-varying controllers. Journal of the Franklin Institute, 2022, 359, 1194-1214. | 3.4 | 2 |
| 13 | Bias-policy iteration based adaptive dynamic programming for unknown continuous-time linear systems. Automatica, 2022, 136, 110058. | 5.0 | 13 |
| 14 | Event-Triggered and Self-Triggered Gain Scheduled Control of Linear Systems With Input Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6452-6463. | 9.3 | 8 |
| 15 | Global Leader-Following Consensus of Double-Integrator Multiagent Systems by Fully Distributed Bounded Linear Protocols. IEEE Transactions on Automatic Control, 2022, 67, 4846-4853. | 5.7 | 14 |
| 16 | Finite-time stabilization of linear systems by bounded event-triggered and self-triggered control. Information Sciences, 2022, 597, 166-181. | 6.9 | 11 |
| 17 | Fully Actuated System Approaches: Theory and Applications. Journal of Systems Science and Complexity, 2022, 35, 437-440. | 2.8 | 4 |
| 18 | On the Role of Zeros in the Pole Assignment of Scalar High-Order Fully Actuated Linear Systems. Journal of Systems Science and Complexity, 2022, 35, 535-542. | 2.8 | 5 |

| # | Article | IF | Citations |
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| 19 | Fully Actuated System Approach for Linear Systems Control: A Frequency-Domain Solution. Journal of Systems Science and Complexity, 2022, 35, 2046-2061. | 2.8 | 14 |
| 20 | Bounded controls for discrete-time linear systems subject to input time delay. Journal of the Franklin Institute, 2022, 359, 4893-4914. | 3.4 | 1 |
| 21 | Modified general policy iteration based adaptive dynamic programming for unknown discreteâ€time linear systems. International Journal of Robust and Nonlinear Control, 2022, 32, 7149-7173. | 3.7 | 6 |
| 22 | Prescribed-Time Input-to-State Stabilization of Normal Nonlinear Systems by Bounded Time-Varying Feedback. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 3715-3725. | 5.4 | 9 |
| 23 | Prescribed-time control of high-order nonholonomic systems in chained form by time-varying feedback. Systems and Control Letters, 2022, 166, 105307. | 2.3 | 5 |
| 24 | Global Stabilization of Discrete-Time Linear Systems Subject to Input Saturation and Time Delay. IEEE Transactions on Automatic Control, 2021, 66, 1345-1352. | 5.7 | 17 |
| 25 | Strong Stability Analysis of Linear Delay-Difference Equations With Multiple Time Delays. IEEE Transactions on Automatic Control, 2021, 66, 3741-3748. | 5.7 | 6 |
| 26 | Prescribed-Time Stabilization of a Class of Nonlinear Systems by Linear Time-Varying Feedback. IEEE Transactions on Automatic Control, 2021, 66, 6123-6130. | 5.7 | 61 |
| 27 | Eventâ€triggered and selfâ€triggered gain scheduling control of input constrained systems with applications to the spacecraft rendezvous. International Journal of Robust and Nonlinear Control, 2021, 31, 4629-4646. | 3.7 | 13 |
| 28 | H<sub>â^ž</sub> optimal control of unknown linear systems by adaptive dynamic programming with applications to timeâ€delay systems. International Journal of Robust and Nonlinear Control, 2021, 31, 5602-5617. | 3.7 | 11 |
| 29 | On the time-varying Halanay inequality with applications to stability analysis of time-delay systems. Journal of the Franklin Institute, 2021, 358, 5488-5512. | 3.4 | 13 |
| 30 | Lyapunov differential equations and inequalities for stability and stabilization of linear time-varying systems. Automatica, 2021, 131, 109785. | 5.0 | 9 |
| 31 | Aeroâ€Engine DCS Faultâ€Tolerant Control with Markov Time Delay Based On Augmented Adaptive Sliding Mode Observer. Asian Journal of Control, 2020, 22, 788-802. | 3.0 | 7 |
| 32 | Consensus of Discrete-Time Multiagent Systems With State, Input, and Communication Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4425-4437. | 9.3 | 20 |
| 33 | Finite-time stabilization of linear systems by bounded linear time-varying feedback. Automatica, 2020, 113, 108760. | 5.0 | 87 |
| 34 | Pole assignment of high-order linear systems with high-order time-derivatives in the input. Journal of the Franklin Institute, 2020, 357, 1437-1456. | 3.4 | 13 |
| 35 | On construction of Lyapunov functions for scalar linear time-varying systems. Systems and Control Letters, 2020, 135, 104591. | 2.3 | 9 |
| 36 | On linear quadratic optimal control of discreteâ€time complexâ€valued linear systems. Optimal Control Applications and Methods, 2020, 41, 499-520. | 2.1 | 4 |

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| 37 | Finite-time stability analysis and stabilization by bounded linear time-varying feedback. Automatica, 2020, 121, 109191. | 5.0 | 84 |
| 38 | Global Stabilization of the Discrete-Time Integrators System by Bounded Controls. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5175-5188. | 5.4 | 3 |
| 39 | On the fixed-time stabilization of input delay systems using act-and-wait control. Systems and Control Letters, 2020, 146, 104807. | 2.3 | 8 |
| 40 | Parametric Lyapunov equation based eventâ€triggered and selfâ€triggered control of input constrained linear systems. International Journal of Robust and Nonlinear Control, 2020, 30, 6606-6626. | 3.7 | 13 |
| 41 | Further results on the construction of strict Lyapunovâ€“Krasovskii functionals for time-varying time-delay systems. Journal of the Franklin Institute, 2020, 357, 8118-8136. | 3.4 | 2 |
| 42 | Bounded control of feedforward nonlinear systems subject to input timeâ€delay. International Journal of Robust and Nonlinear Control, 2020, 30, 5579-5601. | 3.7 | 0 |
| 43 | Pseudo predictor feedback stabilisation of linear systems with both state and input delays. International Journal of Control, 2020, , 1-11. | 1.9 | 3 |
| 44 | Dataâ€drivenâ€“based attitude control of combined spacecraft with noncooperative target. International Journal of Robust and Nonlinear Control, 2019, 29, 5801-5819. | 3.7 | 6 |
| 45 | Design of pseudo-predictor feedback for neutral-type linear systems with both state and input delays. Automatica, 2019, 109, 108502. | 5.0 | 12 |
| 46 | On strong stability and robust strong stability of linear difference equations with two delays. Automatica, 2019, 110, 108610. | 5.0 | 9 |
| 47 | Construction of strict Lyapunovâ€“Krasovskii functionals for time-varying time-delay systems. Automatica, 2019, 107, 382-397. | 5.0 | 25 |
| 48 | Regulation of linear systems with both pointwise and distributed input delays by memoryless feedback. Journal of the Franklin Institute, 2019, 356, 5172-5192. | 3.4 | 5 |
| 49 | Single-event upset prediction in static random access memory cell account for parameter variations. Science China Information Sciences, 2019, 62, 1. | 4.3 | 2 |
| 50 | Output feedback anti-disturbance control of input-delayed systems with time-varying uncertainties. Automatica, 2019, 104, 8-16. | 5.0 | 19 |
| 51 | On stability and stabilization of the linearized spacecraft attitude control system with bounded inputs. Automatica, 2019, 105, 448-452. | 5.0 | 4 |
| 52 | Pseudo Predictor Feedback Stabilization of Linear Systems with Both State and Input Delays*. , 2019, , . | | 1 |
| 53 | Parametric Lyapunov Equation Based Event-Triggered and Self-Triggered Control of Discrete-Time Linear Systems. , 2019, , . | | 2 |
| 54 | Design of Delayed Output Feedback of Linear Time-Varying Systems With Applications to Spacecraft Magnetic Attitude Control. , 2019, , . | | 0 |

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| 55 | Data-Driven Based Quadratic Guaranteed Cost Control of Unknown Linear Time-Delay Systems. , 2019, , . | | 3 |
| 56 | Bounded control of feedforward timeâ€delay systems with linearized systems consisting of chain of oscillators. International Journal of Robust and Nonlinear Control, 2019, 29, 283-305. | 3.7 | 5 |
| 57 | Consensus of Discrete-Time Multiagent Systems With Input Delays by Truncated Pseudo-Predictor Feedback. IEEE Transactions on Cybernetics, 2019, 49, 505-516. | 9.5 | 17 |
| 58 | Improved Razumikhin and Krasovskii stability criteria for time-varying stochastic time-delay systems. Automatica, 2018, 89, 382-391. | 5.0 | 81 |
| 59 | Global stabilization of the linearized three-axis axisymmetric spacecraft attitude control system by bounded linear feedback. Aerospace Science and Technology, 2018, 78, 33-42. | 4.8 | 9 |
| 60 | Improved Razumikhin and Krasovskii approaches for discrete-time time-varying time-delay systems. Automatica, 2018, 91, 256-269. | 5.0 | 45 |
| 61 | Spectral decomposition based solutions to the matrix equation. IET Control Theory and Applications, 2018, 12, 119-128. | 2.1 | 3 |
| 62 | Delayed output feedback of discreteâ€time timeâ€delay systems with applications to spacecraft rendezvous. IET Control Theory and Applications, 2018, 12, 828-836. | 2.1 | 7 |
| 63 | Global stabilization of feedforward nonlinear time-delay systems by bounded controls. Automatica, 2018, 88, 21-30. | 5.0 | 50 |
| 64 | On Bounded Control of A Class of Feedforward Nonlinear Time-Delay Systems. IFAC-PapersOnLine, 2018, 51, 89-93. | 0.9 | 1 |
| 65 | On the forward razumikhin approach for discrete-time time-varying time-delay systems. , 2018, , . | | 0 |
| 66 | Stability analysis of linear time-varying time-delay systems by non-quadratic Lyapunov functions with indefinite derivatives. Systems and Control Letters, 2018, 122, 77-85. | 2.3 | 14 |
| 67 | Analysis and design of complex-valued linear systems. International Journal of Systems Science, 2018, 49, 3063-3081. | 5.5 | 2 |
| 68 | Solutions to linear bimatrix equations with applications to pole assignment of complex-valued linear systems. Journal of the Franklin Institute, 2018, 355, 7246-7280. | 3.4 | 7 |
| 69 | Global stabilization of discrete-time multiple integrators with bounded and delayed feedback. Automatica, 2018, 97, 306-315. | 5.0 | 11 |
| 70 | Delay compensation for linear systems with both state and distinct input delays. International Journal of Robust and Nonlinear Control, 2018, 28, 4455-4478. | 3.7 | 6 |
| 71 | Global stabilization of discreteâ€time feedforward timeâ€delay systems by bounded controls. International Journal of Robust and Nonlinear Control, 2018, 28, 4438-4454. | 3.7 | 7 |
| 72 | Global Stabilization of Linearized Spacecraft Rendezvous System by Saturated Linear Feedback. IEEE Transactions on Control Systems Technology, 2017, 25, 2185-2193. | 5.2 | 29 |

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| 73 | Input delay compensation for neutral type time-delay systems. Automatica, 2017, 78, 309-319. | 5.0 | 31 |
| 74 | Stability analysis of nonâ€linear timeâ€varying systems by Lyapunov functions with indefinite derivatives. IET Control Theory and Applications, 2017, 11, 1434-1442. | 2.1 | 76 |
| 75 | On Asymptotic Stability of Discrete-Time Linear Time-Varying Systems. IEEE Transactions on Automatic Control, 2017, 62, 4274-4281. | 5.7 | 46 |
| 76 | Extended observer based feedback control of linear systems with both state and input delays. Journal of the Franklin Institute, 2017, 354, 8232-8255. | 3.4 | 27 |
| 77 | Consensus of discrete-time multi-agent systems with state, input and communication delays. , 2017, , . | | 2 |
| 78 | Magnetic attitude control of bias momentum spacecraft by bounded linear feedback. Aerospace Science and Technology, 2017, 70, 419-427. | 4.8 | 12 |
| 79 | Stabilization of linear systems with both input and state delays by observerâ€“predictors. Automatica, 2017, 83, 368-377. | 5.0 | 59 |
| 80 | Implementation of delayed output feedback for linear systems with multiple input delays. IET Control Theory and Applications, 2017, 11, 2028-2035. | 2.1 | 8 |
| 81 | Magnetic attitude control of bias momentum spacecraft by bounded linear feedback. , 2017, , . | | 1 |
| 82 | Global Stabilization of Multiple Oscillator Systems by Delayed and Bounded Feedback. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 675-679. | 3.0 | 9 |
| 83 | Predictorâ€based output feedback control design for sampled systems with input delay subject to disturbance. IET Control Theory and Applications, 2017, 11, 3329-3340. | 2.1 | 16 |
| 84 | Analysis and design of complex-valued linear systems. , 2017, , . | | 2 |
| 85 | Memoryless feedback control of discrete-time systems with multiple time-varying actuator delays. , 2017, , . | | 2 |
| 86 | Delayed output feedback control of the spacecraft rendezvous system with actuator delays. , 2017, , . | | 1 |
| 87 | Global stabilization of linear systems with bounded controls by the energy function with applications to the spacecraft rendezvous. , 2017, , . | | 5 |
| 88 | Pseudoâ€predictor feedback control of discreteâ€time linear systems with a single input delay. International Journal of Robust and Nonlinear Control, 2016, 26, 2845-2863. | 3.7 | 16 |
| 89 | Observers based output feedback design for three-axis magnetic attitude control systems by bounded controls. , 2016, , . | | 0 |
| 90 | On asymptotic stability of linear time-varying systems. Automatica, 2016, 68, 266-276. | 5.0 | 179 |

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| 91 | Delay compensation of discreteâ€time linear systems by nested prediction. IET Control Theory and Applications, 2016, 10, 1824-1834. | 2.1 | 23 |
| 92 | Further results on global stabilization of the double integrator system by delayed and bounded controls. , 2016, , . | | 0 |
| 93 | On nested predictor feedback for linear systems with both state and input delays. , 2016, , . | | 3 |
| 94 | Razumikhin and Krasovskii stability theorems for time-varying time-delay systems. Automatica, 2016, 71, 281-291. | 5.0 | 157 |
| 95 | Stability Analysis of Integral Delay Systems With Multiple Delays. IEEE Transactions on Automatic Control, 2016, 61, 188-193. | 5.7 | 14 |
| 96 | Global Stabilization of the Multiple Integrators System by Delayed and Bounded Controls. IEEE Transactions on Automatic Control, 2016, 61, 4222-4228. | 5.7 | 30 |
| 97 | Finite-time stabilization of linear time-varying systems by piecewise constant feedback. Automatica, 2016, 68, 277-285. | 5.0 | 46 |
| 98 | Cost-efficient Acceleration of Hardware Trojan Detection Through Fan-Out Cone Analysis and Weighted Random Pattern Technique. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2016, 35, 792-805. | 2.7 | 35 |
| 99 | Stabilisation and consensus of linear systems with multiple input delays by truncated pseudo-predictor feedback. International Journal of Systems Science, 2016, 47, 328-342. | 5.5 | 8 |
| 100 | Control of discreteâ€time periodic linear systems with input saturation via multiâ€step periodic invariant sets. International Journal of Robust and Nonlinear Control, 2015, 25, 103-124. | 3.7 | 5 |
| 101 | Truncated Predictor Feedback for Periodic Linear Systems With Input Delays With Applications to the Elliptical Spacecraft Rendezvous. IEEE Transactions on Control Systems Technology, 2015, 23, 2238-2250. | 5.2 | 29 |
| 102 | On Lyapunov inequality characterizations and LMIs based approaches to the L<inf>∞</inf>(l<inf>∞</inf>) and L<inf>2</inf>(l<inf>2</inf>) semi-global stabilization. , 2015, , . | | 0 |
| 103 | Robust gain scheduled control of spacecraft rendezvous system subject to input saturation. Aerospace Science and Technology, 2015, 42, 442-450. | 4.8 | 34 |
| 104 | Global stabilization of periodic linear systems by bounded controls with applications to spacecraft magnetic attitude control. Automatica, 2015, 60, 145-154. | 5.0 | 48 |
| 105 | Input delay compensation of linear systems with both state and input delays by adding integrators. Systems and Control Letters, 2015, 82, 51-63. | 2.3 | 29 |
| 106 | On semi-global stabilization of linear periodic systems with control magnitude and energy saturations. Journal of the Franklin Institute, 2015, 352, 2204-2228. | 3.4 | 14 |
| 107 | Stability analysis of integral delay systems with multiple delays. , 2015, , . | | 0 |
| 108 | Single-Event Upset Prediction in SRAMs Account for On-Transistor Sensitive Volume. IEEE Transactions on Nuclear Science, 2015, 62, 3207-3215. | 2.0 | 12 |

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| 109 | Pseudo-predictor feedback control of discrete-time linear systems with a single input delay. , 2015, , . | | 3 |
| 110 | An analysis of the exponential stability of linear stochastic neutral delay systems. International Journal of Robust and Nonlinear Control, 2015, 25, 321-338. | 3.7 | 19 |
| 111 | On higher-order truncated predictor feedback for linear systems with input delay. International Journal of Robust and Nonlinear Control, 2014, 24, 2609-2627. | 3.7 | 16 |
| 112 | A Low Power Test-per-Clock BIST Scheme through Selectively Activating Multi Two-Bit TRCs. , 2014, , . | | 1 |
| 113 | Robust gain scheduled control of spacecraft rendezvous system subject to input saturation. , 2014, , . | | 4 |
| 114 | Truncated predictor feedback for periodic linear systems with input delays with applications to the elliptical spacecraft rendezvous. , 2014, , . | | 11 |
| 115 | Consensus of delayed multiâ€agent systems by reducedâ€order observerâ€based truncated predictor feedback protocols. IET Control Theory and Applications, 2014, 8, 1741-1751. | 2.1 | 16 |
| 116 | Stabilization of Linear Time-Delay Systems by Higher-Order TPF. , 2014, , 179-198. | | 0 |
| 117 | Lyapunov-Krasovskii functionals for predictor feedback control of linear systems with multiple input delays. , 2014, , . | | 0 |
| 118 | Pseudo-predictor feedback stabilization of linear systems with time-varying input delays. , 2014, , . | | 0 |
| 119 | Regional Stability and Stabilization of Timeâ€Delay Systems with Actuator Saturation and Delay. Asian Journal of Control, 2014, 16, 845-855. | 3.0 | 15 |
| 120 | Consensus of delayed multi-agent systems by reduced-order observer based truncated predictor feedback protocols. , 2014, , . | | 2 |
| 121 | Consensus of high-order multi-agent systems with large input and communication delays. Automatica, 2014, 50, 452-464. | 5.0 | 262 |
| 122 | Analysis of process variations impact on the single-event transient quenching in 65 nm CMOS combinational circuits. Science China Technological Sciences, 2014, 57, 322-331. | 4.0 | 7 |
| 123 | On robustness of predictor feedback control of linear systems with input delays. Automatica, 2014, 50, 1497-1506. | 5.0 | 40 |
| 124 | Towards positive definite solutions of a class of nonlinear matrix equations. Applied Mathematics and Computation, 2014, 237, 546-559. | 2.2 | 12 |
| 125 | Input delay compensation of linear systems with both state and input delays by nested prediction. Automatica, 2014, 50, 1434-1443. | 5.0 | 90 |
| 126 | Gain Scheduled Control of Linear Systems Subject to Actuator Saturation With Application to Spacecraft Rendezvous. IEEE Transactions on Control Systems Technology, 2014, 22, 2031-2038. | 5.2 | 70 |

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| 127 | Distributed and Truncated Reduced-Order Observer Based Output Feedback Consensus of Multi-Agent Systems. IEEE Transactions on Automatic Control, 2014, 59, 2264-2270. | 5.7 | 97 |
| 128 | Truncated Predictor Feedback Stabilization of Polynomially Unstable Linear Systems With Multiple Time-Varying Input Delays. IEEE Transactions on Automatic Control, 2014, 59, 2157-2163. | 5.7 | 29 |
| 129 | Lyapunovâ€“Krasovskii functionals for predictor feedback control of linear systems with multiple input delays. Applied Mathematics and Computation, 2014, 244, 303-311. | 2.2 | 8 |
| 130 | Pseudo-predictor feedback stabilization of linear systems with time-varying input delays. Automatica, 2014, 50, 2861-2871. | 5.0 | 57 |
| 131 | Output feedback gain scheduled control of actuator saturated linear systems with applications to the spacecraft rendezvous. Journal of the Franklin Institute, 2014, 351, 5015-5033. | 3.4 | 24 |
| 132 | Truncated Predictor Feedback for Time-Delay Systems. , 2014, , . | | 98 |
| 133 | Robust adaptive control for a class of cascaded nonlinear systems with applications to space interception. International Journal of Robust and Nonlinear Control, 2014, 24, 2048-2078. | 3.7 | 7 |
| 134 | Consensus of Multi-agent Systems with Large Input and Communication Delays. , 2014, , 273-325. | | 1 |
| 135 | Applications of the Truncated Predictor Feedback to the Spacecraft Rendezvous and Formation Flying. , 2014, , 327-359. | | 0 |
| 136 | Global Stabilization of Planar Systems with Input Delay and Saturation. , 2014, , 147-178. | | 0 |
| 137 | Stabilization of Linear Systems with Input and Output Delays. , 2014, , 107-145. | | 0 |
| 138 | Stabilization of Linear Systems with a Single Input Delay. , 2014, , 9-44. | | 0 |
| 139 | Stabilization of Discrete-Time Systems with Input Delays. , 2014, , 199-235. | | 0 |
| 140 | Stabilization of Linear Systems with Multiple and Distributed Input Delays. , 2014, , 45-80. | | 0 |
| 141 | Stabilization of Linear Systems with Both State and Input Delays. , 2014, , 81-105. | | 0 |
| 142 | Stabilization of Discrete-Time Systems with Input and Output Delays. , 2014, , 237-272. | | 1 |
| 143 | Output feedback elliptical orbital rendezvous via stateâ€dependent Riccati differential equations. IET Control Theory and Applications, 2013, 7, 1429-1436. | 2.1 | 16 |
| 144 | Analysis and design of discrete-time linear systems with nested actuator saturations. Systems and Control Letters, 2013, 62, 871-879. | 2.3 | 92 |

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| 145 | On exponential stability of integral delay systems. Automatica, 2013, 49, 3368-3376. | 5.0 | 19 |
| 146 | L<sub>âˆž</sub>andL<sub>2</sub>semi-global stabilisation of continuous-time periodic linear systems with bounded controls. International Journal of Control, 2013, 86, 709-720. | 1.9 | 31 |
| 147 | Stabilization of Discrete-Time Systems With Multiple Actuator Delays and Saturations. IEEE Transactions on Circuits and Systems I: Regular Papers, 2013, 60, 389-400. | 5.4 | 49 |
| 148 | Discrete-time and norm vanishment and low gain feedback with their applications in constrained control. Automatica, 2013, 49, 111-123. | 5.0 | 36 |
| 149 | Positive definite solutions of the nonlinear matrix equation <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:mi>X</mml:mi><mml:mo>+</mml:mo><mml:msup><mml:mrow><mml:mi>A</mml:mi></mml:mrow><mml:mo accent="true"><mml:mrow><mml:mi>X</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="true">Â¯</mml:mo></mml:mrow></mml:mover></mml:mrow><mml:mrow><mml:mo>-</mml:mo><mml:mn>1</mml:mn> | 2.2 | 33 |
| 150 | Applied Mathematics and Computation, 2013, 219, 7377-7391. Stabilisation of time-varying linear systems via Lyapunov differential equations. International Journal of Control, 2013, 86, 332-347. | 1.9 | 27 |
| 151 | Observer based output feedback control of linear systems with input and output delays. Automatica, 2013, 49, 2039-2052. | 5.0 | 90 |
| 152 | On exponential stability of integral delay systems. , 2013, , . | | 0 |
| 153 | Observer based output feedback control of linear systems with multiple input and output delays. , 2012, , . | | 16 |
| 154 | Control of discrete-time periodic linear systems with input saturation via multi-step periodic invariant set. , 2012, , . | | 2 |
| 155 | A Lyapunov Inequality Characterization of and a Riccati Inequality Approach to $L_{infty}$ and $L_{2}$ Low Gain Feedback. SIAM Journal on Control and Optimization, 2012, 50, 1-22. | 2.1 | 4 |
| 156 | Discrete-time l<inf>∞</inf> and l<inf>2</inf> norm vanishment and low gain feedback with their applications in constrained control. , 2012, , . | | 0 |
| 157 | Truncated predictor feedback for linear systems with long time-varying input delays. Automatica, 2012, 48, 2387-2399. | 5.0 | 253 |
| 158 | Periodic Lyapunov Equation Based Approaches to the Stabilization of Continuous-Time Periodic Linear Systems. IEEE Transactions on Automatic Control, 2012, 57, 2139-2146. | 5.7 | 79 |
| 159 | Stabilization of some linear systems with both state and input delays. Systems and Control Letters, 2012, 61, 989-998. | 2.3 | 52 |
| 160 | Semi-global stabilization of linear time-delay systems with control energy constraint. Automatica, 2012, 48, 694-698. | 5.0 | 23 |
| 161 | Stabilization of linear systems with distributed input delay and input saturation. Automatica, 2012, 48, 712-724. | 5.0 | 117 |
| 162 | On Eigenvalue Sets and Convergence Rate of ItÃ´ Stochastic Systems With Markovian Switching. IEEE Transactions on Automatic Control, 2011, 56, 1118-1124. | 5.7 | 16 |

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| 163 | Parametric Lyapunov Equation Approach to Stabilization of Discrete-Time Systems With Input Delay and Saturation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 2741-2754. | 5.4 | 70 |
| 164 | Stabilization of a Class of Linear Systems With Input Delay and the Zero Distribution of Their Characteristic Equations. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 388-401. | 5.4 | 20 |
| 165 | Lyapunov Differential Equation Approach to Elliptical Orbital Rendezvous with Constrained Controls. Journal of Guidance, Control, and Dynamics, 2011, 34, 345-358. | 2.8 | 116 |
| 166 | $L_{infty}$ and $L_{2}$ Low-Gain Feedback: Their Properties, Characterizations and Applications in Constrained Control. IEEE Transactions on Automatic Control, 2011, 56, 1030-1045. | 5.7 | 55 |
| 167 | On the Absolute Stability Approach to Quantized Hâˆž Control**. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 11290-11295. | 0.4 | 0 |
| 168 | Semi-Global Stabilization of Linear Time-Delay Systems with Input Energy Constraint. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 5106-5111. | 0.4 | 0 |
| 169 | On Semiglobal Stabilization of Discrete-Time Periodic Systems With Bounded Controls. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 452-456. | 3.0 | 10 |
| 170 | Stability and stabilization of discrete-time periodic linear systems with actuator saturation. Automatica, 2011, 47, 1813-1820. | 5.0 | 77 |
| 171 | Global stabilization of linear systems with bounded controls using state-dependent saturation functions. Journal of Systems Science and Complexity, 2011, 24, 477-490. | 2.8 | 5 |
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