Hongyinping Feng

List of Publications by Year
in descending order

36 papers	580 citations	840776 11 h-index	642732 23 g-index
36 all docs	36 docs citations	36 times ranked	303 citing authors

#	Article	IF	Citations
1	Exponential stabilization of an ODE system with Euler-Bernoulli beam actuator dynamics. Science China Information Sciences, 2022, 65, 1.	4.3	5
2	Performance output tracking for a one-dimensional unstable heat equation with input delay. IMA Journal of Mathematical Control and Information, 2022, 39, 254-274.	1.7	3
3	Boundary stabilization and observation of a weak unstable heat equation in a general multi-dimensional domain. Automatica, 2022, 138, 110152.	5.0	2
4	A Linear Differentiator Based on the Extended Dynamics Approach. IEEE Transactions on Automatic Control, 2022, , 1-7.	5.7	2
5	Stabilization for Euler–Bernoulli Beam Equation with Boundary Moment Control and Disturbance via a New Disturbance Estimator. Journal of Dynamical and Control Systems, 2021, 27, 247-259.	0.8	6
6	Performance output tracking for cascaded heat partial differential equation–ordinary differential equation systems subject to unmatched disturbance. International Journal of Robust and Nonlinear Control, 2021, 31, 2652-2673.	3.7	1
7	Delay compensation for regular linear systems. Journal of Differential Equations, 2021, 302, 680-709.	2.2	1
8	Trajectory Planning Approach to Output Tracking for a 1-D Wave Equation. IEEE Transactions on Automatic Control, 2020, 65, 1841-1854.	5.7	30
9	Output tracking for a 1-D heat equation with non-collocated configurations. Journal of the Franklin Institute, 2020, 357, 3299-3315.	3.4	10
10	Asymptotic stabilization for a wave equation with periodic disturbance. IMA Journal of Mathematical Control and Information, 2020, 37, 894-917.	1.7	1
11	Output Tracking for One-Dimensional Wave Equation with Non-Collocated Control and Output Configuration. Journal of Systems Science and Complexity, 2020, 33, 1469-1484.	2.8	1
12	Output feedback stabilization for 1-D wave equation with variable coefficients and non-collocated observation. Systems and Control Letters, 2020, 145, 104780.	2.3	7
13	Observers and Disturbance Rejection Control for a Heat Equation. IEEE Transactions on Automatic Control, 2020, 65, 4957-4964.	5.7	5
14	Error based output regulation for a 1-d wave equation with a tip mass and non-collocated disturbance. , 2019, , .		2
15	Disturbance estimator based output feedback exponential stabilization for Euler–Bernoulli beam equation with boundary control. Automatica, 2018, 91, 79-88.	5.0	28
16	Output feedback stabilization for an anti-stable Schrödinger equation with internal unknown dynamic and external disturbance. Journal of the Franklin Institute, 2018, 355, 5632-5648.	3.4	5
17	Observer Design and Exponential Stabilization for Wave Equation in Energy Space by Boundary Displacement Measurement Only. IEEE Transactions on Automatic Control, 2017, 62, 1438-1444.	5.7	33
18	Adaptive stabilization and parameters estimation for a Kirchhoff's nonlinear beam with uncertain input disturbances under boundary output feedback control. International Journal of Adaptive Control and Signal Processing, 2017, 31, 1375-1387.	4.1	0

#	Article	IF	Citations
19	Output feedback stabilization for a Kirchhoffâ€type nonlinear beam with general corrupted boundary observation. International Journal of Robust and Nonlinear Control, 2017, 27, 3280-3295.	3.7	5
20	Active disturbance rejection control: Old and new results. Annual Reviews in Control, 2017, 44, 238-248.	7.9	103
21	A New Active Disturbance Rejection Control to Output Feedback Stabilization for a One-Dimensional Anti-Stable Wave Equation With Disturbance. IEEE Transactions on Automatic Control, 2017, 62, 3774-3787.	5.7	102
22	New unknown input observer and output feedback stabilization for uncertain heat equation. Automatica, 2017, 86, 1-10.	5.0	43
23	Performance output exponential tracking for a wave equation with a general boundary disturbance. Systems and Control Letters, 2016, 98, 79-85.	2.3	31
24	Stabilization of one-dimensional wave equation by non-collocated boundary feedback. European Journal of Control, 2016, 32, 39-42.	2.6	2
25	Stabilization of One-dimensional Wave Equation with Van Der Pol Type Boundary Condition. SIAM Journal on Control and Optimization, 2016, 54, 2436-2449.	2.1	15
26	Forecasting financial time series using a methodology based on autoregressive integrated moving average and Taylor expansion. Expert Systems, 2016, 33, 501-516.	4.5	34
27	Distributed disturbance estimator and application to stabilization for multi-dimensional wave equation with corrupted boundary observation. Automatica, 2016, 66, 25-33.	5.0	11
28	On Stability Equivalence between Dynamic Output Feedback and Static Output Feedback for a Class of Second Order Infinite-Dimensional Systems. SIAM Journal on Control and Optimization, 2015, 53, 1934-1955.	2.1	12
29	Output feedback stabilization of an unstable wave equation with general corrupted boundary observation. Automatica, 2014, 50, 3164-3172.	5.0	35
30	Active disturbance rejection control based on weighed-moving-average-state-observer. Journal of Mathematical Analysis and Applications, 2014, 411, 354-361.	1.0	4
31	The stability for a one-dimensional wave equation with nonlinear uncertainty on the boundary. Nonlinear Analysis: Theory, Methods & Applications, 2013, 89, 202-207.	1.1	9
32	A tracking differentiator based on Taylor expansion. Applied Mathematics Letters, 2013, 26, 735-740.	2.7	15
33	A direct method for global nonexistence of one dimensional wave equation with nonlinear boundary-source. Indian Journal of Pure and Applied Mathematics, 2013, 44, 683-694.	0.5	0
34	Blow-up solutions for a string equation with nonlinear boundary source and arbitrary-initial-energy. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 5653-5663.	1.1	2
35	Blow-up solutions for a nonlinear wave equation with boundary damping and interior source. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 2273-2280.	1.1	8
36	Global nonexistence for a semilinear wave equation with nonlinear boundary dissipation. Journal of Mathematical Analysis and Applications, 2012, 391, 255-264.	1.0	7