

Henrik Anfinsen

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	An Adaptive Observer Design for $n+1$ Coupled Linear Hyperbolic PDEs Based on Swapping. IEEE Transactions on Automatic Control, 2016, 61, 3979-3990.	3.6	63
2	Disturbance Rejection in the Interior Domain of Linear 2×2 Hyperbolic Systems. IEEE Transactions on Automatic Control, 2015, 60, 186-191.	3.6	61
3	Disturbance rejection in general heterodirectional 1-D linear hyperbolic systems using collocated sensing and control. Automatica, 2017, 76, 230-242.	3.0	43
4	Adaptive output-feedback stabilization of linear 2×2 hyperbolic systems using anti-collocated sensing and control. Systems and Control Letters, 2017, 104, 86-94.	1.3	42
5	Adaptive control of linear 2×2 hyperbolic systems. Automatica, 2018, 87, 69-82.	3.0	33
6	Adaptive Stabilization of 2×2 Linear Hyperbolic Systems With an Unknown Boundary Parameter From Collocated Sensing and Control. IEEE Transactions on Automatic Control, 2017, 62, 6237-6249.	3.6	30
7	Estimation of boundary parameters in general heterodirectional linear hyperbolic systems. Automatica, 2017, 79, 185-197.	3.0	28
8	Model Reference Adaptive Control of 2×2 Coupled Linear Hyperbolic PDEs. IEEE Transactions on Automatic Control, 2018, 63, 2405-2420.	3.6	26
9	Adaptive stabilization of $n \times n$ coupled linear hyperbolic systems with uncertain boundary parameters using boundary sensing. Systems and Control Letters, 2017, 99, 72-84.	1.3	25
10	Stabilization of linear 2×2 hyperbolic systems with uncertain coupling coefficients - part I: Identifier-based design. , 2016, , .		20
11	Stabilization of linear 2×2 hyperbolic systems with uncertain coupling coefficients - part II: Swapping design. , 2016, , .		20
12	Stabilization of a linear hyperbolic PDE with actuator and sensor dynamics. Automatica, 2018, 95, 104-111.	3.0	20
13	Disturbance Rejection in $n + 1$ Coupled 1-D Linear Hyperbolic PDEs Using Collocated Sensing and Control. IFAC-PapersOnLine, 2016, 49, 192-198.	0.5	14
14	Adaptive Output Feedback Stabilization of $n + m$ Coupled Linear Hyperbolic PDEs with Uncertain Boundary Conditions. SIAM Journal on Control and Optimization, 2017, 55, 3928-3946.	1.1	14
15	Estimating the left boundary condition of coupled 1-D linear hyperbolic PDEs from right boundary sensing. , 2016, , .		13
16	Boundary parameter and state estimation in 2×2 linear hyperbolic PDEs using adaptive backstepping. , 2016, , .		8
17	Boundary Parameter and State Estimation in General Linear Hyperbolic PDEs. IFAC-PapersOnLine, 2016, 49, 104-110.	0.5	8
18	Model reference adaptive control of $n \times n$ coupled linear hyperbolic PDEs. Systems and Control Letters, 2017, 109, 1-11.	1.3	8

#	ARTICLE	IF	CITATIONS
19	Model reference adaptive control of an unstable 1-D hyperbolic PDE. , 2017, , .		8
20	A note on establishing convergence in adaptive systems. Automatica, 2018, 93, 545-549.	3.0	8
21	Improved Kick and Loss Detection and Attenuation in Managed Pressure Drilling by Utilizing Wired Drill Pipe. IFAC-PapersOnLine, 2018, 51, 44-49.	0.5	8
22	Adaptive Control of a Scalar 1-D Linear Hyperbolic PDE with Uncertain Transport Speed Using Boundary Sensing. , 2020, , .		7
23	Stabilization and tracking control of a time-variant linear hyperbolic PIDE using backstepping. Automatica, 2020, 116, 108929.	3.0	7
24	Tracking in Minimum Time in General Linear Hyperbolic PDEs Using Collocated Sensing and Control. IFAC-PapersOnLine, 2016, 49, 234-241.	0.5	6
25	Adaptive set-point regulation of linear 2^{nd} -order hyperbolic systems with application to the kick and loss problem in drilling. Automatica, 2020, 119, 109078.	3.0	6
26	Rejecting Unknown Harmonic Disturbances in 2×2 Linear Hyperbolic PDEs. IEEE Transactions on Control Systems Technology, 2017, 25, 1935-1946.	3.2	5
27	Estimation of parameters in a class of hyperbolic systems with uncertain transport speeds. , 2017, , .		4
28	Adaptive Control of a Linear Hyperbolic PDE with Uncertain Transport Speed and a Spatially Varying Coefficient. , 2020, , .		4
29	A swapping design based adaptive observer for $n + 1$ coupled linear hyperbolic PDEs. , 2016, , .		3
30	Stabilization of a linear 2^{nd} -order hyperbolic system with uncertain parameters from anti-collocated sensing and control. , 2016, , .		3
31	Adaptive state feedback stabilization of $n + 1$ coupled linear hyperbolic PDEs. , 2017, , .		3
32	Stabilization of a linear 2^{nd} -order hyperbolic system with an uncertain boundary parameter from collocated sensing and control. , 2016, , .		2
33	Adaptive stabilization of a system of $n + 1$ coupled linear hyperbolic PDEs from boundary sensing. , 2017, , .		2
34	Adaptive set-point regulation of linear 2^{nd} -order hyperbolic systems with uncertain affine boundary condition using collocated sensing and control. , 2017, , .		2
35	Adaptive stabilization of linear 2^{nd} -order hyperbolic PDEs with spatially varying coefficients using swapping. , 2017, , .		2
36	Control of a Time-Variant 1-D Linear Hyperbolic PDE Using Infinite-Dimensional Backstepping. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
37	Minimum time observer designs for $n \times n$ linear hyperbolic systems with unilateral, bilateral or pointwise in-domain sensing. European Journal of Control, 2021, 61, 50-67.	1.6	2
38	A model reduction algorithm for irrational transfer functions with application to leak detection in pipelines. , 2015, , .		1
39	Boundary control of $n + 1$ coupled linear hyperbolic PDEs with uncertain boundary parameters. , 2017, , .		1
40	State estimation in hyperbolic PDEs coupled with an uncertain LTI system. , 2017, , .		1
41	Bottom hole pressure control for oil well drilling using model reference adaptive control. , 2017, , .		1
42	Adaptive Output-Feedback Stabilization of 2×2 Linear Hyperbolic PDEs with Actuator and Sensor Delay. , 2018, , .		1
43	Minimum Time Bilateral Observer Design for 2×2 Linear Hyperbolic Systems. , 2019, , .		1
44	Adaptive disturbance rejection in 2×2 Linear Hyperbolic PDEs. , 2017, , .		0
45	Inverse optimal stabilization of 2×2 linear hyperbolic partial differential equations. , 2017, , .		0
46	Estimation of an uncertain bilinear boundary condition in linear 2×2 hyperbolic systems with application to drilling. , 2017, , .		0
47	Adaptive Output-Feedback: Uncertain In-Domain Parameters. Communications and Control Engineering, 2019, , 207-225.	1.0	0
48	Adaptive Output-Feedback: Uncertain Boundary Condition. Communications and Control Engineering, 2019, , 299-315.	1.0	0
49	Adaptive Output-Feedback: Uncertain Boundary Condition. Communications and Control Engineering, 2019, , 175-206.	1.0	0
50	Reducing Overparametrization in MRAC for Hyperbolic PDEs. , 2020, , .		0
51	Adaptive Control of a Linear, Scalar Hyperbolic PDE with Time-Varying Coefficients. , 2020, , .		0
52	Adaptive Control of PDEs. , 2021, , 11-17.		0
53	Adaptive Control of PDEs. , 2020, , 1-7.		0