

Håvard Fjær Grip

List of Publications by Year in descending order

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49
papers

1,498
citations

471371

17
h-index

552653

26
g-index

49
all docs

49
docs citations

49
times ranked

934
citing authors

#	ARTICLE	IF	CITATIONS
1	Almost output synchronization for heterogeneous time-varying networks for a class of non-introspective, nonlinear agents without exchange of controller states. <i>International Journal of Robust and Nonlinear Control</i> , 2016, 26, 3883-3899.	2.1	5
2	Synchronization in networks of minimum-phase, non-introspective agents without exchange of controller states: Homogeneous, heterogeneous, and nonlinear. <i>Automatica</i> , 2015, 54, 246-255.	3.0	72
3	Almost regulated output synchronization for heterogeneous time-varying networks of non-introspective, nonlinear agents without exchange of controller states. , 2015, , .		2
4	Homogeneous networks of non-introspective agents under external disturbances - H almost synchronization. <i>Automatica</i> , 2015, 52, 363-372.	3.0	33
5	Almost Output Synchronization for Heterogeneous Networks Without Exchange of Controller States. <i>IEEE Transactions on Control of Network Systems</i> , 2015, 2, 348-357.	2.4	31
6	Globally exponentially stable attitude and gyro bias estimation with application to GNSS/INS integration. <i>Automatica</i> , 2015, 51, 158-166.	3.0	92
7	almost output synchronization for heterogeneous networks in the presence of external disturbances without exchange of controller states. , 2014, , .		0
8	Output synchronization for heterogeneous networks of introspective right-invertible agents. <i>International Journal of Robust and Nonlinear Control</i> , 2014, 24, 1821-1844.	2.1	93
9	High-gain observer design for multi-output systems: Transformation to a canonical form by dynamic output shaping. <i>International Journal of Robust and Nonlinear Control</i> , 2014, 24, 1016-1042.	2.1	6
10	Semi-global regulation of output synchronization for heterogeneous networks of non-introspective, invertible agents subject to actuator saturation. <i>International Journal of Robust and Nonlinear Control</i> , 2014, 24, 548-566.	2.1	59
11	Almost output synchronization for heterogeneous networks of introspective agents under external disturbances. <i>Automatica</i> , 2014, 50, 1026-1036.	2.1	64
12	Synchronization in time-varying networks of non-introspective agents without exchange of controller states. , 2014, , .		6
13	Synchronization in a network of identical discrete-time agents with uniform constant communication delay. <i>International Journal of Robust and Nonlinear Control</i> , 2014, 24, 3076-3091.	2.1	25
14	Control of open-loop neutrally stable systems subject to actuator saturation and external disturbances. <i>International Journal of Robust and Nonlinear Control</i> , 2013, 23, 229-240.	2.1	12
15	Remarks on the relationship between stability and internal stability of nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2013, 23, 1822-1827.	2.1	0
16	Consensus in the network with uniform constant communication delay. <i>Automatica</i> , 2013, 49, 2461-2467.	3.0	112
17	On the existence of virtual exosystems for synchronized linear networks. <i>Automatica</i> , 2013, 49, 3145-3148.	3.0	26
18	Nonlinear observer for GNSS-aided inertial navigation with quaternion-based attitude estimation. , 2013, , .		46

#	ARTICLE	IF	CITATIONS
19	Synchronization for homogeneous networks of non-introspective, non-right-invertible, discrete-time agents with uniform constant communication delay. , 2013, , .		1
20	\mathcal{H}_∞ almost regulated synchronization and \mathcal{H}_∞ almost formation for heterogeneous networks under external disturbances. , 2013, , .		0
21	Consensus in the network with uniform constant communication delay. , 2012, , .		3
22	Control of linear systems with input saturation and non-input-additive sustained disturbances — Continuous-time systems. , 2012, , .		2
23	Simultaneous external and internal stabilization of linear systems with input saturation and non-input-additive sustained disturbances. Automatica, 2012, 48, 2633-2639.	3.0	4
24	Output synchronization for heterogeneous networks of non-introspective agents. Automatica, 2012, 48, 2444-2453.	3.0	225
25	Consensus in the network with uniform constant communication delay. , 2012, , .		1
26	A new low-and-high gain feedback design using MPC for global stabilization of linear systems subject to input saturation. , 2012, , .		3
27	Control of linear systems with input saturation and non-input-additive sustained disturbances — Discrete-time systems. , 2012, , .		0
28	Decentralized control for output synchronization in heterogeneous networks of non-introspective agents. , 2012, , .		7
29	A nonlinear observer for integration of GNSS and IMU measurements with gyro bias estimation. , 2012, , .		32
30	Semi-global regulation of output synchronization for heterogeneous networks of non-introspective, invertible agents subject to actuator saturation. , 2012, , .		2
31	Observers for interconnected nonlinear and linear systems. Automatica, 2012, 48, 1339-1346.	3.0	50
32	Control of a chain of integrators subject to actuator saturation and disturbances. International Journal of Robust and Nonlinear Control, 2012, 22, 1562-1570.	2.1	12
33	Further results on the disturbance response of a double integrator controlled by a saturating linear static state feedback. Automatica, 2012, 48, 430-435.	3.0	10
34	Output consensus for networks of non-identical introspective agents. , 2011, , .		19
35	State and Parameter Estimation for Nonlinearly Parameterized Systems: An \mathcal{H}_∞ -Based Approach*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 2997-3002.	0.4	2
36	Estimation of states and parameters for linear systems with nonlinearly parameterized perturbations. Systems and Control Letters, 2011, 60, 771-777.	1.3	19

#	ARTICLE	IF	CITATIONS
37	Stabilization of nonlinear sandwich systems via state feedback”Discrete-time systems. International Journal of Robust and Nonlinear Control, 2011, 21, 1841-1864.	2.1	7
38	Remarks on the relationship between $\ p\ $; stability and internal stability of nonlinear systems. , 2011, , .		1
39	Parameter estimation and compensation in systems with nonlinearly parameterized perturbations. Automatica, 2010, 46, 19-28.	3.0	47
40	Autonomous underwater vehicle navigation using moving baseline on a target ship. , 2010, , .		7
41	High-gain observer design for domination of nonlinear perturbations: Transformation to a canonical form by dynamic output shaping. , 2010, , .		2
42	Structural decomposition of linear multivariable systems using symbolic computations. International Journal of Control, 2010, 83, 1414-1426.	1.2	17
43	Stabilization of a Class of Sandwich Systems Via State Feedback \$ \$. IEEE Transactions on Automatic Control, 2010, 55, 2156-2160.	3.6	12
44	Stabilization of a class of sandwich nonlinear systems via state feedback. , 2009, , .		2
45	State and parameter estimation for linear systems with nonlinearly parameterized perturbations. , 2009, , .		5
46	Observer design in the presence of periodic output disturbances by mixing of past and present output data. , 2009, , .		1
47	Nonlinear vehicle side-slip estimation with friction adaptation. Automatica, 2008, 44, 611-622.	3.0	109
48	Vehicle velocity estimation using nonlinear observers. Automatica, 2006, 42, 2091-2103.	3.0	182
49	Nonlinear Observer for Vehicle Velocity with Friction and Road Bank Angle Adaptation - Validation and Comparison with an Extended Kalman Filter. , 0, , .		30