Alexey A Bobtsov

List of Publications by Year
in descending order

229 papers	2,729 citations	185998 28 h-index	264894 42 g-index
229 all docs	229 docs citations	229 times ranked	776 citing authors

#	Article	IF	Citations
1	Parameter estimation and adaptive control of Euler–Lagrange systems using the power balance equation parameterisation. International Journal of Control, 2023, 96, 475-487.	1.2	7
2	State Observation of Power Systems Equipped With Phasor Measurement Units: The Case of Fourth-Order Flux-Decay Model. IEEE Transactions on Automatic Control, 2022, 67, 2123-2130.	3.6	0
3	Adaptive state estimation of state-affine systems with unknown time-varying parameters. International Journal of Control, 2022, 95, 2460-2472.	1.2	9
4	An algebraic, distributed state observer for continuous‐and discrete‐time linear time‐invariant systems with time‐varying communication graphs. International Journal of Adaptive Control and Signal Processing, 2022, 36, 1340-1352.	2.3	1
5	Parameter Identification With Finite-Convergence Time Alertness Preservation. , 2022, 6, 205-210.		10
6	A new on-line exponential parameter estimator without persistent excitation. Systems and Control Letters, 2022, 159, 105079.	1.3	9
7	On-line estimation of the parameters of the windmill power coefficient. Systems and Control Letters, 2022, 164, 105242.	1.3	5
8	New results on adaptive systems. International Journal of Adaptive Control and Signal Processing, 2022, 36, 1250-1251.	2.3	3
9	Adaptive State Observer for Linear Time-Varying System with Partially Unknown State Matrix and Input Matrix Parameters. Mekhatronika, Avtomatizatsiya, Upravlenie, 2022, 23, 283-288.	0.2	1
10	New Results on Parameter Estimation via Dynamic Regressor Extension and Mixing: Continuous and Discrete-Time Cases. IEEE Transactions on Automatic Control, 2021, 66, 2265-2272.	3.6	62
11	A flux and speed observer for induction motors with unknown rotor resistance and load torque and no persistent excitation requirement. International Journal of Adaptive Control and Signal Processing, 2021, 35, 1578-1593.	2.3	0
12	The multi-harmonic signal frequencies estimation in finite time. Journal of Physics: Conference Series, 2021, 1864, 012116.	0.3	0
13	Finite Time Frequency Estimation for Multi-Sinusoidal Signals. European Journal of Control, 2021, 59, 38-46.	1.6	9
14	Full State Observer with Finite Time Convergence for Permanent Magnets Synchronous Motors. , 2021, , .		1
15	State Observer with Relaxed Excitation Conditions with Application to MagLev System. , 2021, , .		0
16	Generalized parameter estimation-based observers: Application to power systems and chemical–biological reactors. Automatica, 2021, 129, 109635.	3.0	47
17	Switched observer design for a class of locally unobservable time-varying systems. Automatica, 2021, 130, 109715.	3.0	3
18	Output Adaptive Observers Design for Linear Non-Stationary Systems with Polynomial Parameters. Mekhatronika, Avtomatizatsiya, Upravlenie, 2021, 22, 404-410.	0.2	0

#	Article	IF	Citations
19	A globally stable practically implementable PI passivity‑based controller for switched power converters. International Journal of Adaptive Control and Signal Processing, 2021, 35, 2155-2174.	2.3	6
20	State observation of LTV systems with delayed measurements: A parameter estimation-based approach with fixed convergence time. Automatica, 2021, 131, 109674.	3.0	9
21	Estimation of State Variables in the Ä†uk Converter Mathematical Model with Partially Unknown Parameters. Mekhatronika, Avtomatizatsiya, Upravlenie, 2021, 22, 451-458.	0.2	1
22	Distributed Observers for LTI Systems With Finite Convergence Time: A Parameter-Estimation-Based Approach. IEEE Transactions on Automatic Control, 2021, 66, 4967-4974.	3.6	11
23	An Adaptive Observer-Based Controller Design for Active Damping of a DC Network With a Constant Power Load. IEEE Transactions on Control Systems Technology, 2021, 29, 2312-2324.	3.2	6
24	Robust Adaptive Stabilization by Delay Under State Parametric Uncertainty and Measurement Bias. IEEE Transactions on Automatic Control, 2021, 66, 5459-5466.	3.6	1
25	Robust nonlinear observer design for permanent magnet synchronous motors. IET Control Theory and Applications, 2021, 15, 604-616.	1.2	4
26	State Observation of Affine-in-the-States Time-Varying Systems with Unknown Parameters and Delayed Measurements. IFAC-PapersOnLine, 2021, 54, 108-113.	0.5	2
27	Flux Observer for the Levitated Ball with Relaxed Excitation Conditions. , 2021, , .		2
28	A Globally Convergent Adaptive Indirect Field‑Oriented Torque Controller for Induction Motors. Asian Journal of Control, 2020, 22, 11-24.	1.9	2
29	A robust adaptive flux observer for a class of electromechanical systems. International Journal of Control, 2020, 93, 1619-1629.	1.2	6
30	Fixed-time estimation of parameters for non-persistent excitation. European Journal of Control, 2020, 55, 24-32.	1.6	22
31	On Robust Parameter Estimation in Finite-Time Without Persistence of Excitation. IEEE Transactions on Automatic Control, 2020, 65, 1731-1738.	3.6	42
32	DREM-based Parametric Estimation of Bias-affected Damped Sinusoidal Signals*. , 2020, , .		5
33	Finite Time Observer for Induction Motors based on DREM algorithm. , 2020, , .		2
34	Stator Flux Finite-time Observer for Non-Salient Permanent Magnet Synchronous Motors. , 2020, , .		1
35	An Adaptive State Observer for Linear Time-varying Systems with Inaccurate Parameters. Automation and Remote Control, 2020, 81, 2220-2229.	0.4	2
36	A model-based fault-detection strategy in DC/AC conversion. IFAC-PapersOnLine, 2020, 53, 676-681.	0.5	2

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37	Output Controller for Parametrically Uncertain Plants with Finite-Time Simultaneous Disturbance Rejection *. , 2020, , .		0
38	Parameters Estimation Algorithm for an Unmeasured Sinusoidal Signal with Time-Varying Amplitude. Mekhatronika, Avtomatizatsiya, Upravlenie, 2020, 21, 464-469.	0.2	5
39	PMUâ€based decentralised mixed algebraic and dynamic state observation in multiâ€machine power systems. IET Generation, Transmission and Distribution, 2020, 14, 6267-6275.	1.4	5
40	Sensorless Control of Permanent Magnet Synchronous Motors based on Finite-Time Robust Flux Observer. IFAC-PapersOnLine, 2020, 53, 9270-9275.	0.5	4
41	Position-based motion control for parallel manipulators under parametric uncertainties and with finite-time external disturbance rejection. IFAC-PapersOnLine, 2020, 53, 8456-8461.	0.5	0
42	Adaptive stabilization by delay with biased measurements. IFAC-PapersOnLine, 2020, 53, 1684-1689.	0.5	1
43	Stator flux and load torque observers for PMSM. IFAC-PapersOnLine, 2020, 53, 5051-5056.	0.5	3
44	Finite-time Frequency Estimator for Harmonic Signal. IFAC-PapersOnLine, 2020, 53, 584-589.	0.5	2
45	A Globally Convergent State Observer for Multimachine Power Systems with Lossy Lines. IFAC-PapersOnLine, 2020, 53, 5028-5033.	0.5	1
46	Adaptive Full State Observer for Nonsalient PMSM with Noised Measurements of the Current and Voltage. IFAC-PapersOnLine, 2020, 53, 1652-1657.	0.5	2
47	Output Control by Linear Time-Varying Systems using Parametric Identï¬cation Methods. Mekhatronika, Avtomatizatsiya, Upravlenie, 2020, 21, 387-393.	0.2	0
48	A globally convergent direct adaptive poleâ€placement controller for nonminimum phase systems with relaxed excitation assumptions. International Journal of Adaptive Control and Signal Processing, 2019, 33, 1491-1505.	2.3	5
49	State observers for reaction systems with improved convergence rates. Journal of Process Control, 2019, 83, 53-62.	1.7	12
50	Active Damping of a DC Network with a Constant Power Load: An Adaptive Observer-based Design. , 2019, , .		3
51	Advanced Technologies in High Education in Cooperation with High-Tech Companies. IFAC-PapersOnLine, 2019, 52, 312-317.	0.5	4
52	Adaptive state observers using dynamic regressor extension and mixing. Systems and Control Letters, 2019, 133, 104519.	1.3	22
53	Relaxation for online frequency estimator of biasâ€affected damped sinusoidal signals based on Dynamic Regressor Extension and Mixing. International Journal of Adaptive Control and Signal Processing, 2019, 33, 1857-1867.	2.3	4
54	Parameter identification of linear timeâ€invariant systems using dynamic regressor extension and mixing. International Journal of Adaptive Control and Signal Processing, 2019, 33, 1016-1030.	2.3	24

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55	Efficient learning from adaptive control under sufficient excitation. International Journal of Robust and Nonlinear Control, 2019, 29, 3111-3124.	2.1	17
56	DREM-based Adaptive Observer for Induction Motors. , 2019, , .		3
57	ONLINE ESTIMATION OF TIME-VARYING FREQUENCY OF A SINUSOIDAL SIGNAL. IFAC-PapersOnLine, 2019, 52, 245-250.	0.5	3
58	Output Adaptive Switching Controller Design with DREM-Based Multi-Harmonic Disturbance Cancellation. IFAC-PapersOnLine, 2019, 52, 263-268.	0.5	0
59	Sensorless Control of the Levitated Ball. IFAC-PapersOnLine, 2019, 52, 274-279.	0.5	4
60	An Adaptive Flux and Position Observer for Interior Permanent Magnet Synchronous Motors. IFAC-PapersOnLine, 2019, 52, 43-48.	0.5	3
61	Learning from adaptive control under relaxed excitation conditions. International Journal of Adaptive Control and Signal Processing, 2019, 33, 1723-1725.	2.3	14
62	Sensorless Control of IPMSM Based on Regression Model. IEEE Transactions on Power Electronics, 2019, 34, 9191-9201.	5.4	38
63	Adaptive state observers for sensorless control of switched reluctance motors. International Journal of Robust and Nonlinear Control, 2019, 29, 990-1006.	2.1	7
64	A Method to Provide Conditions for Sustained Excitation. Automation and Remote Control, 2018, 79, 258-264.	0.4	7
65	Parameter Identification of Linear Discrete-Time Systems with Guaranteed Transient Performance. IFAC-PapersOnLine, 2018, 51, 1038-1043.	0.5	4
66	Frequency estimation of a sinusoidal signal with time-varying amplitude and phase. IFAC-PapersOnLine, 2018, 51, 663-668.	0.5	6
67	Robust High-Gain Generalization of PID Controllers with Anti-Windup Compensation âŽ âŽThis article is supported by Russian Science Foundation, project 16-11-00049. All the experiments of this research have been carried out on the testbed â€œKOMEX-1â€•located at the Laboratory â€œControl of Complex Systemsâ€•of IPME RAS.. IFAC-PapersOnLine, 2018, 51, 352-357.	0.5	2
68	Identification of Piecewise Linear Parameters of Regression Models of Non-Stationary Deterministic Systems. Automation and Remote Control, 2018, 79, 2159-2168.	0.4	8
69	Enhanced Parameter Convergence for Linear Systems Identification: The DREM Approach. , 2018, , .		12
70	Position and speed observer for PMSM with unknown stator resistance. , 2018, , .		7
71	A state observer for sensorless control of magnetic levitation systems. Automatica, 2018, 97, 263-270.	3.0	31
72	Sensorless control of PM synchronous motors with a robust nonlinear observer. , 2018, , .		9

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73	Case study on human-free water heaters production for industry 4.0. , 2018, , .		2
74	Fradkov Theorem-Based Control of MIMO Nonlinear Lurie Systems. Automation and Remote Control, 2018, 79, 1074-1085.	0.4	5
75	Subcarrier wave quantum networking for free space communications. , 2018, , .		1
76	Robust Adaptive Sensorless Control for Permanent-Magnet Synchronous Motors. IEEE Transactions on Power Electronics, 2017, 32, 3989-3997.	5.4	68
77	A method for increasing the rate of parametric convergence in the problem of identification of the sinusoidal signal parameters. Automation and Remote Control, 2017, 78, 389-396.	0.4	5
78	Simple adaptive control for quadcopters with saturated actuators. AIP Conference Proceedings, 2017, , .	0.3	9
79	Identification of photovoltaic arrays' maximum power extraction point via dynamic regressor extension and mixing. International Journal of Adaptive Control and Signal Processing, 2017, 31, 1337-1349.	2.3	17
80	A New Approach for Flux and Rotor Resistance Estimation of Induction Motors * *This article is supported by the Russian Federation President Grant 14.Y31.16.9281-HLLI, the Government of the Russian Fed-eration (GOSZADANIE 2.8878.2017, grant 074-U01) and the Min-istry of Education and Science of the Russian Federation (project 14.Z50.31.0031).. IFAC-PapersOnLine, 2017, 50, 1885-1890.	0.5	9
81	AÂglobally convergent frequency estimator ofÂaÂsinusoidal signal with aÂtime-varying amplitude. European Journal of Control, 2017, 38, 32-38.	1.6	15
82	First-order frequency estimator for a pure sinusoidal signal. , 2017, , .		7
83	Experimental study on robust output control for quadcopters. , 2017, , .		9
84	Compensating for a multisinusoidal disturbance based on Youlaâ€"Kucera parametrization. Automation and Remote Control, 2017, 78, 1559-1571.	0.4	9
85	Algorithm to control linear plants with measurable quantized output. Automation and Remote Control, 2017, 78, 826-835.	0.4	5
86	Performance Enhancement of Parameter Estimators via Dynamic Regressor Extension and Mixing. IEEE Transactions on Automatic Control, 2017, 62, 3546-3550.	3.6	228
87	A robust nonlinear position observer for synchronous motors with relaxed excitation conditions. International Journal of Control, 2017, 90, 813-824.	1.2	28
88	The DREM Approach for Chaotic Oscillators Parameter Estimation with Improved Performance * *This article is supported by the Russian Federation President Grant 14.Y31.16.9281-HLLI, the Government of the Russian Federation (GOSZADANIE 2.8878.2017, grant 074-U01) and the Ministry of Education and Science of the Russian Federation (project 14.Z50.31.0031).. IFAC-PapersOnLine, 2017, 50, 7027-7031.	0.5	3
89	Frequency estimation of a sinusoidal signal with time-varying amplitude * *This article is supported by Government of Russian Federation (GOSZADANIE 2.8878.2017, grant 074-U01), the Ministry of Education and Science of Russian Federation (project 14.Z50.31.0031). ** **This work was supported by the Russian Federation President Grant No 14.Y31.16.9281-HLLI.. IFAC-PapersOnLine, 2017, 50, 12880-12885.	0.5	3
90	Adaptive Tracking of a Multi-Sinusoidal Signal with DREM-Based Parameters Estimation * *This article is supported by the Russian Federation President Grant 14.Y31.16.9281-HLLI, the Government of the Russian Federation (GOSZADANIE 2.8878.2017, grant 074-U01) and the Ministry of Education and Science of the Russian Federation (project 14.Z50.31.0031).. IFAC-PapersOnLine, 2017, 50, 4282-4287.	0.5	4

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91	Simple speed observer for PMSM. , 2017, , .		3
92	Arc approximation algorithm of spatial movements for industrial robots. , 2017, , .		1
93	Position observer for salient PMSM with measured speed. , 2017, , .		0
94	A new approach for estimation of electrical parameters and flux observation of permanent magnet synchronous motors. International Journal of Adaptive Control and Signal Processing, 2016, 30, 1434-1448.	2.3	15
95	Adaptive filters cascade applied to a frequency identification improvement problem. International Journal of Adaptive Control and Signal Processing, 2016, 30, 677-689.	2.3	11
96	Hybrid parallel neuro-controller for multirotor unmanned aerial vehicle. , 2016, , .		8
97	Human-free robotic automation of industrial operations. , 2016, , .		11
98	Improved Transients in Multiple Frequencies Estimation via Dynamic Regressor Extension and Mixing. IFAC-PapersOnLine, 2016, 49, 99-104.	0.5	27
99	Manipulation Tasks in Robotics Education**This paper is supported by Government of Russian Federation (GOSZADANIE 2014/190 (project 2118)).. IFAC-PapersOnLine, 2016, 49, 22-27.	0.5	5
100	Robotic Boat Setup for Control Research and Education**This paper is supported by Government of Russian Federation (GOSZADANIE 2014/190 (project 2118)) and the Ministry of Education and Science of Russian Federation (project 14.Z50.31.0031).. IFAC-PapersOnLine, 2016, 49, 256-261.	0.5	8
101	Advanced educational tool for remote control study**This article is supported by Government of Russian Federation (GOSZADANIE 2014/190 (project 2118)). IFAC-PapersOnLine, 2016, 49, 303-308.	0.5	2
102	Parameters estimation via dynamic regressor extension and mixing. , 2016, , .		28
103	Output robust control with anti-windup compensation for robotic boat. , 2016, , .		10
104	Output Robust Control with Anti-Windup Compensation for Quadcopters**This article is supported by Russian Science Foundation, project 16-11-00049.. IFAC-PapersOnLine, 2016, 49, 287-292.	0.5	18
105	Comments on â€˜comparison of architectures and robustness of model reference adaptive controllers andL1-adaptive controllersâ€™. International Journal of Adaptive Control and Signal Processing, 2016, 30, 125-127.	2.3	0
106	Adaptive Multisinusoidal Signal Tracking System with Input Delay* *This article is supported by Government of Russian Federation (GOSZADANIE 2014/190 (project 2118)) and the Ministry of Education and Science of Russian Federation (project 14.Z50.31.0031).. IFAC-PapersOnLine, 2016, 49, 105-110.	0.5	11
107	Identification of the Currentâ€"Voltage Characteristic of Photovoltaic Arrays. IFAC-PapersOnLine, 2016, 49, 223-228.	0.5	3
108	Stabilization of linear plants with unknown delay and sinusoidal disturbance compensation. , 2016, , .		5

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109	Adaptive Controller for Linear System With Input Delay and Output Disturbance. IEEE Transactions on Automatic Control, 2016, 61, 4229-4234.	3.6	49
110	On Stability of Tunable Linear Time-Varying Band-Pass Filtersâˆ—âˆ—This article is supported by Government of Russian Federation (grant 074-U01, GOSZADANIE 2014/190 (project 2118)), the Ministry of Education and Science of Russian Federation (project 14.Z50.31.0031).. IFAC-PapersOnLine, 2015, 48, 345-347.	0.5	0
111	Hybrid Output Controller for Biased and Time-Varying Periodic Disturbances Rejection. IFAC-PapersOnLine, 2015, 48, 872-877.	0.5	1
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113	Adaptive controller implementation for surface robotic vessel. , 2015, , .		8
114	Output Control Algorithms of Dynamic Positioning and Disturbance Rejection for Robotic Vesselâˆ—âˆ—This paper is supported by Government of Russian Federation (GOSZADANIE 2014/190 (project 2118), grant) Tj ETQq0 0 0 rgBT /Overlock 10 work is financially supported by Nature Science Foundation of Zhejiang Province (China) under Grant LQ13F030014.. IFAC-PapersOnLine, 2015, 48, 295-300.	0.5	12
115	Flux and Position Observer of Permanent Magnet Synchronous Motors with Relaxed Persistency of Excitation Conditionsâˆ—âˆ—This article is supported by Government of Russian Federation (grant 074-U01,) Tj ETQq1 1 0.784314 rgBT (project 14.Z50.31.0031).. IFAC-PapersOnLine, 2015, 48, 301-306.	0.5	20
116	Simple Robust and Adaptive Tracking Control for Mobile Robotsâˆ—âˆ—This article is supported by Government of Russian Federation (GOSZADANIE 2014/190 (project 2118), grant 074-U01), the Ministry of Education and Science of Russian Federation (project 14.Z50.31.0031).. IFAC-PapersOnLine, 2015, 48, 143-149.	0.5	11
117	&#x0106;uk converter full state adaptive observer design. , 2015, , .		2
118	Output Adaptive Controller for a Class of MIMO Systems with Input Delay and Multisinusoidal Disturbanceâˆ—âˆ—This article is supported by Government of Russian Federation (GOSZADANIE 2014/190) Tj ETQq0 0 0 rgBT /Overlock (China) under Grant LQ13F030014.. IFAC-PapersOnLine, 2015, 48, 892-899.	0.5	11
119	Compensation of polyharmonic disturbance of state and output of a linear plant with delay in the control channel. Automation and Remote Control, 2015, 76, 2124-2142.	0.4	21
120	Stabilization of a nonlinear plant with input delay and sinusoidal perturbation. Automation and Remote Control, 2015, 76, 16-23.	0.4	2
121	A robust globally convergent position observer for the permanent magnet synchronous motor. Automatica, 2015, 61, 47-54.	3.0	73
122	A parameter estimation approach to state observation of nonlinear systems. Systems and Control Letters, 2015, 85, 84-94.	1.3	68
123	Estimation of polyharmonic signal parameters. Automation and Remote Control, 2015, 76, 1400-1416.	0.4	28
124	Robust control of rapid thermal processes applied to vapor deposition processing. , 2014, , .		2
125	Output controller for quadcopters based on mathematical model decomposition. , 2014, , .		21
126	Hybrid output controller for parametrically uncertain systems with matching harmonic disturbances rejection. , 2014, , .		2

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127	Improved frequency identification via an adaptive filters cascade. , 2014, , .		6
128	Output adaptive controller for linear system with input delay and multisinusoidal disturbance. , 2014, , .		7
129	Simple output feedback adaptive control based on passification principle. International Journal of Adaptive Control and Signal Processing, 2014, 28, 620-632.	2.3	36
130	Adaptive control system for quadrotor equiped with robotic arm. , 2014, , .		13
131	Application of &#x201C;consecutive compensator&#x201D; method for robotic manipulator control. , 2014, , .		1
132	Output controller for quadcopters with wind disturbance cancellation. , 2014, , .		19
133	Adaptive control of linear MIMO systems. , 2014, , .		3
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135	Simple adaptive tracking control for mobile robots. , 2014, , .		0
136	Real-Time EMG Signal Frequency Identification. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 2951-2956.	0.4	2
137	Stabilization of Nonlinear System with Input Delay and Biased Sinusoidal Disturbance. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 12104-12109.	0.4	2
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142	Multiagent aerial vehicles system for ecological monitoring. , 2013, , .		2
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145	Control Approaches for Complicated Self-Unstable Plants with Applications for Two-Wheel Mobile System. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 609-613.	0.4	1
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147	Simple Output Stabilization Approach for Robotic Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 1873-1878.	0.4	7
148	Dynamic Positioning System for Nonlinear MIMO Plants and Surface Robotic Vessel. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 1867-1872.	0.4	1
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152	Fast Compensation of Unknown Multiharmonic Disturbance for Nonlinear Plant with Input Delay. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 546-551.	0.4	10
153	Control of Nonlinear Systems Using Multiple Model Black-Box Identification. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 582-587.	0.4	2
154	Rejection of sinusoidal disturbance approach based on high-gain principle. , 2012, , .		4
155	Precise frequency estimator for noised periodical signals. , 2012, , .		6
156	Lego Mindstorms NXT for Students' Research Projects in Control Field*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 102-106.	0.4	5
157	Control Approaches for Complicated Self-Unstable Plants with Applications for Two-Wheel Mobile Robot Motobot in Educational Purposes*,**. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 107-111.	0.4	1
158	Mechatronic and Robotic Setups for Modern Control Theory Workshops*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 348-353.	0.4	7
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161	Cancelation of unknown multiharmonic disturbance for nonlinear plant with input delay. International Journal of Adaptive Control and Signal Processing, 2012, 26, 302-315.	2.3	54
162	Output controller for uncertain nonlinear systems with structural, parametric, and signal disturbances. , 2012, , .		3

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163	Attitude control of the spacecraft with unknown inertia tensor. , 2012, , .		0
164	Output harmonic disturbance compensation for nonlinear plant. , 2012, , .		7
165	Switched Algorithm for Frequency Estimation with Noise Rejection. IEEE Transactions on Automatic Control, 2012, 57, 2400-2404.	3.6	58
166	Nonlinear dynamics of drives with elasticities and friction. Automation and Remote Control, 2012, 73, 1604-1615.	0.4	6
167	Output adaptive control for active suspension rejecting road disturbance. , 2011, , .		5
168	Output control for nonlinear system with time-varying delay and stability analysis. , 2011, , .		20
169	Output control approach &#x201C;consecutive compensator&#x201D; providing exponential and L<inf>&#x221E;</inf>-stability for nonlinear systems with delay and disturbance. , 2011, , .		18
170	Cancellation of Unknown Harmonic Disturbance for Nonlinear System with Input Delay. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 1516-1521.	0.4	2
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176	Output control of nonlinear delay systems with unmodeled dynamics. Journal of Computer and Systems Sciences International, 2011, 50, 429-437.	0.2	5
177	Hybrid adaptive observers for locally Lipschitz systems. International Journal of Adaptive Control and Signal Processing, 2011, 25, 33-47.	2.3	2
178	Frequency estimation for periodical signal with noise in finite time. , 2011, , .		18
179	Output control for time-delay nonlinear system providing exponential stability. , 2011, , .		13
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