

Article Title	Authors	Source	Research Area	Volume	Issue	Pages	Publication Date	Times Cited	Journal Normalized Citation Impact	Category Normalized Citation Impact
Real-time navigation of mobile robots in problems of border patrolling and avoiding collisions with moving and deforming obstacles	Matveev, Alexey S.; Wang, Chao; Saykin, Andrey V.	ROBOTICS AND AUTONOMOUS SYSTEMS	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE; ROBOTICS; AUTOMATION & CONTROL SYSTEMS	60	6	769-788	2012	47	3.29	3.56
Algorithms for collision-free navigation of mobile robots in complex cluttered environments: a survey	Hoy, Michael; Matveev, Alexey S.; Savkin, Andrey V.	ROBOTICA	ROBOTICS	33	3	463-497	2015	45	12.07	10.7
Opinion Dynamics in Social Networks With Hostile Camps: Consensus vs. Polarization	Proskurnikov, Anton V.; Proskurnikov, Anton V.; Proskurnikov, Anton V.; Matveev, Alexey S.; Cao, Ming	IEEE TRANSACTIONS ON AUTOMATIC CONTROL	ENGINEERING, ELECTRICAL & ELECTRONIC; AUTOMATION & CONTROL SYSTEMS	61	6	1524-1536	2016	39	6.03	10.13
On the asymptotic stability of switched homogeneous systems	Aleksandrov, A. Yu.; Kosov, A. A.; Platonov, A. V.	SYSTEMS & CONTROL LETTERS	OPERATIONS RESEARCH & MANAGEMENT SCIENCE; AUTOMATION & CONTROL SYSTEMS	61	1	127-133	2012	24	1.42	1.79
An extension of the prediction scheme to the case of systems with both input and state delay	Kharitonov, Vladimir L.	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	50	1	211-217	2014	21	0.93	2.06
Razumikhin and Krasovskii stability theorems for time-varying time-delay systems	Zhou, Bin; Egorov, Alexey V.	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	71		281-291	2016	21	2.38	5.46
Method for tracking of environmental level sets by a unicycle-like vehicle	Matveev, Alexey S.; Teimoori, Hamid; Savkin, Andrey V.	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	48	9	2252-2261	2012	21	0.74	1.52
Nonlinear sliding mode control of an unmanned agricultural tractor in the presence of sliding and control saturation	Matveev, Alexey S.; Hoy, Michael; Katupitiya, Jayantha; Savkin, Andrey V.	ROBOTICS AND AUTONOMOUS SYSTEMS	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE; ROBOTICS; AUTOMATION & CONTROL SYSTEMS	61	9	973-987	2013	21	1.47	1.92
Consensus in switching networks with sectorial nonlinear couplings: Absolute stability approach	Proskurnikov, Anton	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	49	2	488-495	2013	20	0.7	1.58
Average consensus in	Proskurnikov, Anton V.;	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS;	49	9	2928-2932	2013	19	0.66	1.5

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networks with nonlinearly delayed couplings and switching topology	Proskumikov, Anton V.		ENGINEERING, ELECTRICAL & ELECTRONIC							
Simultaneous Perturbation Stochastic Approximation for Tracking Under Unknown but Bounded Disturbances	Granichin, Oleg; Amelina, Natalia	IEEE TRANSACTIONS ON AUTOMATIC CONTROL	ENGINEERING, ELECTRICAL & ELECTRONIC; AUTOMATION & CONTROL SYSTEMS	60	6	1653-1658	2015	18	1.37	2.52
Approximate consensus in the dynamic stochastic network with incomplete information and measurement delays	Amelina, N. O.; Fradkov, A. L.; Fradkov, A. L.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	73	11	1765-1783	2012	17	9.12	1.33
Necessary stability conditions for linear delay systems	Egorov, Alexey V.; Mondie, Sabine; Mondie, Sabine	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	50	12	3204-3208	2014	16	0.71	1.57
Periodical Solutions in a Pulse-Modulated Model of Endocrine Regulation With Time-Delay	Churilov, Alexander; Medvedev, Alexander; Mattsson, Per	IEEE TRANSACTIONS ON AUTOMATIC CONTROL	ENGINEERING, ELECTRICAL & ELECTRONIC; AUTOMATION & CONTROL SYSTEMS	59	3	728-733	2014	14	0.75	1.37
Passification-based decentralized adaptive synchronization of dynamical networks with time-varying delays	Selivanov, Anton; Fradkov, Alexander; Fradkov, Alexander; Fridman, Emilia	JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS	ENGINEERING, MULTIDISCIPLINARY; ENGINEERING, ELECTRICAL & ELECTRONIC; MATHEMATICS, INTERDISCIPLINARY APPLICATIONS; AUTOMATION & CONTROL SYSTEMS	352	1	52-72	2015	14	1.46	2.71
A non-quadratic criterion for stability of forced oscillations	Pogromsky, A. Y.; Pogromsky, A. Y.; Matveev, A. S.	SYSTEMS & CONTROL LETTERS	OPERATIONS RESEARCH & MANAGEMENT SCIENCE; AUTOMATION & CONTROL SYSTEMS	62	5	408-412	2013	12	0.76	1.05
An impulse-to-impulse discrete-time mapping for a time-delay impulsive system	Churilov, Alexander N.; Medvedev, Alexander	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	50	8	2187-2190	2014	12	0.53	1.18
Collision free cooperative navigation of multiple wheeled robots in unknown cluttered environments	Hoy, Michael; Matyeev, Alexey S.; Savkin, Andrey V.	ROBOTICS AND AUTONOMOUS SYSTEMS	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE; ROBOTICS; AUTOMATION & CONTROL SYSTEMS	60	10	1253-1266	2012	12	0.84	0.91
A state observer for continuous oscillating systems under intrinsic pulse-modulated feedback	Churilov, Alexander; Medvedev, Alexander; Shepeljavyi, Alexander	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	48	6	1117-1122	2012	11	0.39	0.8

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<a href="#">Delay-Independent Stability Conditions for Some Classes of Nonlinear Systems</a>	Aleksandrov, Alexander Yu.; Hu, Guang-Da; Zhabko, Alexey P.	IEEE TRANSACTIONS ON AUTOMATIC CONTROL	ENGINEERING, ELECTRICAL & ELECTRONIC; AUTOMATION & CONTROL SYSTEMS	59	8	2209-2214	2014	11	0.59	1.08
<a href="#">Stable Walking Gaits for a Three-Link Planar Biped Robot With One Actuator</a>	La Hera, Pedro X. Miranda; La Hera, Pedro X. Miranda; Shiriaev, Anton S.; Shiriaev, Anton S.; Freidovich, Leonid B.	IEEE TRANSACTIONS ON ROBOTICS	ROBOTICS	29	3	589-601	2013	10	0.54	1.23
<a href="#">The nonasymptotic confidence set for parameters of a linear control object under an arbitrary external disturbance</a>	Granichin, O. N.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	73	1	20-30	2012	10	5.37	0.78
<a href="#">Predictor based stabilization of neutral type systems with input delay</a>	Kharitonov, Vladimir L.	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	52		125-134	2015	10	0.61	1.4
<a href="#">Monoaxial electrodynamic stabilization of earth satellite in the orbital coordinate system</a>	Aleksandrov, A. Yu.; Tikhonov, A. A.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	74	8	1249-1256	2013	9	4.63	0.77
<a href="#">Synthesis of Razumikhin and Lyapunov-Krasovskii approaches to stability analysis of time-delay systems</a>	Medvedeva, Irina V.; Zhabko, Alexey P.	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	51		372-377	2015	9	0.55	1.26
<a href="#">3D environmental extremum seeking navigation of a nonholonomic mobile robot</a>	Matveev, Alexey S.; Hoy, Michael C.; Savkin, Andrey V.	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	50	7	1802-1815	2014	9	0.4	0.88
<a href="#">Popov-Type Criterion for Consensus in Nonlinearly Coupled Networks</a>	Proskumikov, Anton; Proskumikov, Anton; Proskumikov, Anton; Matveev, Alexey	IEEE TRANSACTIONS ON CYBERNETICS	AUTOMATION & CONTROL SYSTEMS; COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE; COMPUTER SCIENCE, CYBERNETICS	45	8	1537-1548	2015	8	0.4	1.09
<a href="#">A method for reactive navigation of nonholonomic under-actuated robots in maze-like environments</a>	Matveev, A. S.; Hoy, M. C.; Savkin, A. V.	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	49	5	1268-1274	2013	8	0.28	0.63
<a href="#">Necessary conditions for the exponential stability of time-delay systems</a>	Egorov, A. V.; Mondie, S.; Mondie, S.	INTERNATIONAL JOURNAL OF ROBUST AND NONLINEAR CONTROL	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC;	24	12	1760-1771	2014	8	0.64	1.22

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<a href="#">via the Lyapunov delay matrix</a>			MATHEMATICS, APPLIED							
<a href="#">Security Games With Unknown Adversarial Strategies</a>	Gamaev, Andrey; Gamaev, Andrey; Baykal-Gursoy, Melike; Poor, H. Vincent	IEEE TRANSACTIONS ON CYBERNETICS	AUTOMATION & CONTROL SYSTEMS; COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE; COMPUTER SCIENCE, CYBERNETICS	46	10	2291-2299	2016	8	0.63	2.01
<a href="#">NONLINEAR CONSENSUS ALGORITHMS WITH UNCERTAIN COUPLINGS</a>	Proskumikov, Anton V.; Proskumikov, Anton V.	ASIAN JOURNAL OF CONTROL	AUTOMATION & CONTROL SYSTEMS	16	5	1277-1288	2014	8	1.5	0.68
<a href="#">The problem of boundary following by a unicycle-like robot with rigidly mounted sensors</a>	Matveev, Alexey S.; Hoy, Michael C.; Savkin, Andrey V.	ROBOTICS AND AUTONOMOUS SYSTEMS	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE; ROBOTICS; AUTOMATION & CONTROL SYSTEMS	61	3	312-327	2013	7	0.49	0.64
<a href="#">Exciting multi-DOF systems by feedback resonance</a>	Efimov, Denis; Fradkov, Alexander; Fradkov, Alexander; Iwasaki, Tetsuya	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	49	6	1782-1789	2013	7	0.24	0.55
<a href="#">On existence conditions for a two-point oscillating periodic solution in an non-autonomous relay system with a Hurwitz matrix</a>	Yevstafyeva, V. V.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	76	6	977-988	2015	7	5.24	1.01
<a href="#">Critical frequencies and parameters for linear delay systems: A Lyapunov matrix approach</a>	Ochoa, Gilberto; Ochoa, Gilberto; Kharitonov, Vladimir L.; Mondie, Sabine; Mondie, Sabine	SYSTEMS & CONTROL LETTERS	OPERATIONS RESEARCH & MANAGEMENT SCIENCE; AUTOMATION & CONTROL SYSTEMS	62	9	781-790	2013	7	0.44	0.61
<a href="#">Range-only based circumnavigation of a group of moving targets by a non-holonomic mobile robot</a>	Matveev, Alexey S.; Semakova, Anna A.; Savkin, Andrey V.	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	65		76-89	2016	7	0.79	1.82
<a href="#">Decentralized adaptive controller for synchronization of nonlinear dynamical heterogeneous networks</a>	Fradkov, A. L.; Fradkov, A. L.; Fradkov, A. L.; Junussov, I. A.	INTERNATIONAL JOURNAL OF ADAPTIVE CONTROL AND SIGNAL PROCESSING	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	27	9	729-740	2013	6	0.68	0.47
<a href="#">Frequency-domain criteria for consensus in multiagent systems with nonlinear sector-shaped couplings</a>	Proskumikov, A. V.; Proskumikov, A. V.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	75	11	1982-1995	2014	6	3.59	0.61

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<a href="#">A globally converging algorithm for reactive robot navigation among moving and deforming obstacles</a>	Matveev, Alexey S.; Hoy, Michael C.; Savkin, Andrey V.	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	54		292-304	2015	6	0.37	0.84
<a href="#">Adaptive control of passifiable linear systems with quantized measurements and bounded disturbances</a>	Selivanov, Anton; Fradkov, Alexander; Fradkov, Alexander; Liberzon, Daniel	SYSTEMS & CONTROL LETTERS	OPERATIONS RESEARCH & MANAGEMENT SCIENCE; AUTOMATION & CONTROL SYSTEMS	88		62-67	2016	6	1.71	1.82
<a href="#">Design of impulsive adaptive observers for improvement of persistency of excitation</a>	Efimov, Denis; Fradkov, Alexander; Fradkov, Alexander; Fradkov, Alexander	INTERNATIONAL JOURNAL OF ADAPTIVE CONTROL AND SIGNAL PROCESSING	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	29	6	765-782	2015	6	1.21	0.84
<a href="#">On the uniqueness of Lyapunov matrices for a time-delay system</a>	Kharitonov, Vladimir L.	SYSTEMS & CONTROL LETTERS	OPERATIONS RESEARCH & MANAGEMENT SCIENCE; AUTOMATION & CONTROL SYSTEMS	61	3	397-402	2012	6	0.36	0.45
<a href="#">Randomized Control Strategies Under Arbitrary External Noise</a>	Amelin, Konstantin; Granichin, Oleg	IEEE TRANSACTIONS ON AUTOMATIC CONTROL	ENGINEERING, ELECTRICAL & ELECTRONIC; AUTOMATION & CONTROL SYSTEMS	61	5	1328-1333	2016	6	0.93	1.56
<a href="#">Designs of optimal switching feedback decentralized control policies for fluid queueing networks</a>	Feoktistova, V.; Matveev, A.; Lefeber, E.; Rooda, J. E.	MATHEMATICS OF CONTROL SIGNALS AND SYSTEMS	MATHEMATICS, INTERDISCIPLINARY APPLICATIONS; ENGINEERING, ELECTRICAL & ELECTRONIC; AUTOMATION & CONTROL SYSTEMS	24	4	477-503	2012	6	0.65	0.52
<a href="#">Time-consistent Shapley value for games played over event trees</a>	Reddy, Puduru V.; Shevkoplyas, Ekaterina; Zaccour, Georges	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	49	6	1521-1527	2013	5	0.17	0.4
<a href="#">Passification based synchronization of nonlinear systems under communication constraints and bounded disturbances</a>	Fradkov, Alexander L.; Fradkov, Alexander L.; Fradkov, Alexander L.; Andrievsky, Boris; Andrievsky, Boris	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	55		287-293	2015	5	0.31	0.7
<a href="#">Distributed control of multiple non-holonomic robots with sector vision and range-only measurements for target capturing with collision avoidance</a>	Zakhar'eva, A.; Matveev, A. S.; Hoy, M. C.; Savkin, A. V.	ROBOTICA	ROBOTICS	33	2	385-412	2015	5	1.34	1.19

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<a href="#">Absolute stability and Lyapunov-Krasovskii functionals for switched nonlinear systems with time-delay</a>	Aleksandrov, A. Yu; Mason, Oliver	JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS	ENGINEERING, MULTIDISCIPLINARY; ENGINEERING, ELECTRICAL & ELECTRONIC; MATHEMATICS, INTERDISCIPLINARY APPLICATIONS; AUTOMATION & CONTROL SYSTEMS	351	8	4381-4394	2014	5	0.46	0.7
<a href="#">Diagonal Lyapunov-Krasovskii functionals for discrete-time positive systems with delay</a>	Aleksandrov, A. Yu; Mason, Oliver	SYSTEMS & CONTROL LETTERS	OPERATIONS RESEARCH & MANAGEMENT SCIENCE; AUTOMATION & CONTROL SYSTEMS	63		63-67	2014	5	0.47	0.54
<a href="#">Reconstructing the potential for the one-dimensional Schrödinger equation from boundary measurements</a>	Avdonin, Sergei A.; Avdonin, Sergei A.; Mikhaylov, Victor S.; Mikhaylov, Victor S.; Mikhaylov, Victor S.	IMA JOURNAL OF MATHEMATICAL CONTROL AND INFORMATION	MATHEMATICS, APPLIED; AUTOMATION & CONTROL SYSTEMS	31	1	137-150	2014	4	0.82	0.69
<a href="#">Extremum Seeking Navigation Without Derivative Estimation of a Mobile Robot in a Dynamic Environmental Field</a>	Matveev, Alexey S.; Hoy, Michael C.; Savkin, Andrey V.	IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	24	3	1084-1091	2016	4	0.54	1.04
<a href="#">Node-consistent core for games played over event trees</a>	Parilina, Elena; Zaccour, Georges	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	53		304-311	2015	4	0.24	0.56
<a href="#">Pyragas stabilizability via delayed feedback with periodic control gain</a>	Leonov, G. A.	SYSTEMS & CONTROL LETTERS	OPERATIONS RESEARCH & MANAGEMENT SCIENCE; AUTOMATION & CONTROL SYSTEMS	69		34-37	2014	4	0.38	0.44
<a href="#">Robust nonlinear sampled-data system analysis based on Fridman's method and S-procedure</a>	Seifullaev, Ruslan E.; Fradkov, Alexander L.; Fradkov, Alexander L.	INTERNATIONAL JOURNAL OF ROBUST AND NONLINEAR CONTROL	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC; MATHEMATICS, APPLIED	26	2	201-217	2016	4	0.69	1.5
<a href="#">Collision-free navigation of an autonomous unmanned helicopter in unknown urban environments: sliding mode and MPC approaches</a>	Hoy, Michael; Matveev, Alexey S.; Garratt, Matt; Garratt, Matt; Savkin, Andrey V.	ROBOTICA	ROBOTICS	30		537-550	2012	4	0.57	0.36
<a href="#">Decentralized adaptive control of synchronization of dynamic system networks at bounded disturbances</a>	Fradkov, A. L.; Fradkov, A. L.; Grigor'ev, G. K.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	74	5	829-844	2013	4	2.06	0.34

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<a href="#">Stability of composite thermodynamic systems with interconnection constraints</a>	Gromov, Dmitry; Caines, Peter E.	IET CONTROL THEORY AND APPLICATIONS	ENGINEERING, ELECTRICAL & ELECTRONIC; AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	9	11	1629-1636	2015	4	0.51	0.59
<a href="#">Cooperative surveillance of unknown environmental boundaries by multiple nonholonomic robots</a>	Ovchinnikov, K.; Semakova, A.; Matveev, A.	ROBOTICS AND AUTONOMOUS SYSTEMS	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE; ROBOTICS; AUTOMATION & CONTROL SYSTEMS	72		164-180	2015	4	0.58	0.67
<a href="#">Stochastic approximation search algorithms with randomization at the input</a>	Granichin, O. N.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	76	5	762-775	2015	4	2.99	0.57
<a href="#">Robot navigation for monitoring unsteady environmental boundaries without field gradient estimation</a>	Matveev, Alexey S.; Hoy, Michael Colin; Ovchinnikov, Kirill; Anisimov, Alexander; Savkin, Andrey V.	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	62		227-235	2015	4	0.24	0.56
<a href="#">Coulomb Control of Polygonal Linkages</a>	Khimshiashvili, G.; Panina, G.; Siersma, D.	JOURNAL OF DYNAMICAL AND CONTROL SYSTEMS	MATHEMATICS, APPLIED; AUTOMATION & CONTROL SYSTEMS	20	4	491-501	2014	4	1.78	0.69
<a href="#">Observation of nonlinear systems via finite capacity channels: Constructive data rate limits</a>	Matveev, Alexey; Pogromsky, Alexander; Pogromsky, Alexander	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	70		217-229	2016	4	0.45	1.04
<a href="#">Stability Analysis via Averaging Functions</a>	Pogromsky, A. Yu; Pogromsky, A. Yu; Matveev, A. S.	IEEE TRANSACTIONS ON AUTOMATIC CONTROL	ENGINEERING, ELECTRICAL & ELECTRONIC; AUTOMATION & CONTROL SYSTEMS	61	4	1081-1086	2016	4	0.62	1.04
<a href="#">Approximation of physicochemical properties of homologs using recurrent and related non-recurrent relations</a>	Zenkevich, Igor G.	JOURNAL OF CHEMOMETRICS	CHEMISTRY, ANALYTICAL; MATHEMATICS, INTERDISCIPLINARY APPLICATIONS; AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION; STATISTICS & PROBABILITY; COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	26	3-4	108-116	2012	4	0.53	0.34
<a href="#">Impulsive Goodwin oscillator with large delay: Periodic oscillations, bistability, and attractors</a>	Churilov, Alexander N.; Medvedev, Alexander; Zhusubaliyev, Zhanybai T.	NONLINEAR ANALYSIS-HYBRID SYSTEMS	AUTOMATION & CONTROL SYSTEMS; MATHEMATICS, APPLIED	21		171-183	2016	3	0.58	1.27
<a href="#">Synchronization of nonlinear Lurie systems on</a>	Usik, E. V.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS &	73	8	1305-1315	2012	3	1.61	0.24

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<a href="#">the basis of passification and backstepping</a>			<b>INSTRUMENTATION</b>							
<a href="#">Competitive Routing of Traffic Flows by Navigation Providers</a>	Zakharov, V. V.; Krylatov, A. Yu.; Krylatov, A. Yu.; Krylatov, A. Yu.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	77	1	179-189	2016	3	4.29	0.81
<a href="#">On one method of solving a boundary problem for a nonlinear nonstationary controllable system taking measurement results into account</a>	Kvitko, A. N.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	73	12	2021-2037	2012	3	1.61	0.24
<a href="#">Stable cooperation in dynamic vehicle routing problems</a>	Zakharov, V. V.; Shchegryaev, A. N.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	76	5	935-943	2015	3	2.24	0.43
<a href="#">Subgame consistent cooperative solution for NTU dynamic games via variable weights</a>	Yeung, David W. K.; Yeung, David W. K.; Petrosyan, Leon A.	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	59		84-89	2015	3	0.18	0.42
<a href="#">Nonlinear Predictor Feedback for Input-Affine Systems With Distributed Input Delays</a>	Ponomarev, Anton	IEEE TRANSACTIONS ON AUTOMATIC CONTROL	ENGINEERING, ELECTRICAL & ELECTRONIC; AUTOMATION & CONTROL SYSTEMS	61	9	2591-2596	2016	3	0.46	0.78
<a href="#">Passification-based adaptive control: Uncertain input and output delays</a>	Selivanov, Anton; Fridman, Emilia; Fradkov, Alexander; Fradkov, Alexander	<b>AUTOMATICA</b>	<b>AUTOMATION &amp; CONTROL SYSTEMS; ENGINEERING, ELECTRICAL &amp; ELECTRONIC</b>	<b>54</b>		<b>107-113</b>	<b>2015</b>	<b>3</b>	<b>0.18</b>	<b>0.42</b>
<a href="#">Problem of uniform deployment on a line segment for second-order agents</a>	Proskumikov, A. V.; Proskumikov, A. V.; Proskumikov, A. V.; Parsegov, S. E.	<b>AUTOMATION AND REMOTE CONTROL</b>	<b>AUTOMATION &amp; CONTROL SYSTEMS; INSTRUMENTS &amp; INSTRUMENTATION</b>	<b>77</b>	<b>7</b>	<b>1248-1258</b>	<b>2016</b>	<b>2</b>	<b>2.86</b>	<b>0.54</b>
<a href="#">Adaptation Is Unnecessary in L-1-Adaptive Control WHAT MAKES AN ADAPTIVE CONTROLLER "ADAPTIVE"?</a>	Ortega, Romeo; Ortega, Romeo; Panteley, Elena; Panteley, Elena; Panteley, Elena	IEEE CONTROL SYSTEMS MAGAZINE	AUTOMATION & CONTROL SYSTEMS	36	1	47-52	2016	2	0.43	0.47
<a href="#">Linear matrix inequality-based analysis of the discrete-time continuous nonlinear multivariable systems</a>	Seifullaev, R. E.; Fradkov, A. L.; Fradkov, A. L.; Fradkov, A. L.	<b>AUTOMATION AND REMOTE CONTROL</b>	<b>AUTOMATION &amp; CONTROL SYSTEMS; INSTRUMENTS &amp; INSTRUMENTATION</b>	<b>76</b>	<b>6</b>	<b>989-1004</b>	<b>2015</b>	<b>2</b>	<b>1.5</b>	<b>0.29</b>



Article Title	Authors	Source	Research Area	Volume	Issue	Pages	Publication Date	Times Cited	Journal Normalized Citation Impact	Category Normalized Citation Impact
<a href="#">Compensation of disturbances for MIMO systems with quantized output</a>	Furtat, Igor B.; Furtat, Igor B.; Fradkov, Alexander L.; Fradkov, Alexander L.; Fradkov, Alexander L.	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	60		239-244	2015	2	0.12	0.28
<a href="#">Consensus in nonlinear stationary networks with identical agents</a>	Proskumikov, A. V.; Proskumikov, A. V.; Proskumikov, A. V.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	76	9	1551-1565	2015	2	1.5	0.29
<a href="#">A semi-autonomous motorized mobile hospital bed for safe transportation of head injury patients in dynamic hospital environments without bed switching</a>	Wang, Chao; Matveev, Alexey S.; Savkin, Andrey V.; Clout, Ray; Nguyen, Hung T.	ROBOTICA	ROBOTICS	34	8	1880-1897	2016	2	1.39	1.02
<a href="#">New applications of recurrent relations: precalculation of pK(a) values of substituted alkanecarboxylic acids</a>	Zenkevich, Igor G.	JOURNAL OF CHEMOMETRICS	CHEMISTRY, ANALYTICAL; MATHEMATICS, INTERDISCIPLINARY APPLICATIONS; AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION; STATISTICS & PROBABILITY; COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	28	4	311-318	2014	2	0.28	0.25
<a href="#">Reduction-Based Robustness Analysis of Linear Predictor Feedback for Distributed Input Delays</a>	Ponomarev, Anton	IEEE TRANSACTIONS ON AUTOMATIC CONTROL	ENGINEERING, ELECTRICAL & ELECTRONIC; AUTOMATION & CONTROL SYSTEMS	61	2	468-472	2016	2	0.31	0.52
<a href="#">Linear-transformation-based analysis and design of state consensus for multi-agent systems with state observers</a>	Chen, Yangzhou; Qu, Xiaojun; Dai, Guiping; Aleksandrov, A. Yu.	JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS	ENGINEERING, MULTIDISCIPLINARY; ENGINEERING, ELECTRICAL & ELECTRONIC; MATHEMATICS, INTERDISCIPLINARY APPLICATIONS; AUTOMATION & CONTROL SYSTEMS	352	9	3447-3457	2015	2	0.21	0.39
<a href="#">Optimization of filtering correctors for autopilot control laws with special structures</a>	Veremey, Evgeny I.	OPTIMAL CONTROL APPLICATIONS & METHODS	MATHEMATICS, APPLIED; AUTOMATION & CONTROL SYSTEMS; OPERATIONS RESEARCH & MANAGEMENT SCIENCE	37	2	323-339	2016	2	0.99	0.81
<a href="#">Restoring important process information from complex optical spectra with MCR-ALS: Case study of actinide reduction in spent nuclear</a>	Debus, Bruno; Kirsanov, Dmitry; Kirsanov, Dmitry; Ruckebusch, Cyril; Ruckebusch, Cyril	CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS	CHEMISTRY, ANALYTICAL; MATHEMATICS, INTERDISCIPLINARY APPLICATIONS; COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE; STATISTICS & PROBABILITY;	146		241-249	2015	2	0.3	0.35

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fuel reprocessing			INSTRUMENTS & INSTRUMENTATION; AUTOMATION & CONTROL SYSTEMS							
Using the direct and indirect control to stabilize some classes of uncertain systems. I. continuous systems	Gelig, A. Kh.; Zuber, I. E.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	73	8	1337-1349	2012	2	1.07	0.16
About the necessity of Popov criterion for a special Lyapunov function existence for the systems with multiple nonlinearities	Lipkovich, M. M.; Fradkov, A. L.; Fradkov, A. L.; Fradkov, A. L.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	76	5	801-808	2015	1	0.75	0.14
Algorithms for finding gaits of locomotive mechanisms: case studies for Gorilla robot brachiation	Pchelkin, Stepan S.; Shiriaev, Anton S.; Mettin, Uwe; Freidovich, Leonid B.; Paramonov, Leonid V.	AUTONOMOUS ROBOTS	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE; ROBOTICS	40	5	849-865	2016	1	0.28	0.4
KdV Hamiltonian as a Function of Actions	Korotyaev, Evgeny L.; Kuksin, Sergei	JOURNAL OF DYNAMICAL AND CONTROL SYSTEMS	MATHEMATICS, APPLIED; AUTOMATION & CONTROL SYSTEMS	22	4	661-682	2016	1	0.74	0.42
A Numerical Method for the Construction of Lyapunov Matrices for Linear Periodic Systems with Time Delay	Letyagina, Olga N.; Zhabko, Alexey P.	TIME DELAY SYSTEMS: METHODS, APPLICATIONS AND NEW TRENDS	AUTOMATION & CONTROL SYSTEMS; COMPUTER SCIENCE, INFORMATION SYSTEMS	423		265-275	2012	1	0.52	0.08
On stability of solutions for a class of nonlinear difference systems with switching	Aleksandrov, A. Yu.; Platonov, A. V.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	77	5	779-788	2016	1	1.43	0.27
Using the direct and indirect control to stabilize some classes of uncertain systems. II. Pulse and discrete systems	Gelig, A. Kh.; Zuber, I. E.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	73	9	1498-1510	2012	1	0.54	0.08
SPEED-GRADIENT CONTROL OF THE BROCKETT INTEGRATOR	Dolgopolik, M. V.; Dolgopolik, M. V.; Dolgopolik, M. V.; Fradkov, A. L.; Fradkov, A. L.	SIAM JOURNAL ON CONTROL AND OPTIMIZATION	MATHEMATICS, APPLIED; AUTOMATION & CONTROL SYSTEMS	54	4	2116-2131	2016	1	0.4	0.42
Time-delayed feedback stabilisation of nonlinear potential systems	Aleksandrov, A. Yu.; Zhabko, A. P.; Zhabko, I. A.	INTERNATIONAL JOURNAL OF CONTROL	AUTOMATION & CONTROL SYSTEMS	88	10	2066-2073	2015	1	0.21	0.12

Article Title	Authors	Source	Research Area	Volume	Issue	Pages	Publication Date	Times Cited	Journal Normalized Citation Impact	Category Normalized Citation Impact
<a href="#">Passivity-based control of implicit port-Hamiltonian systems with holonomic constraints</a>	Castanos, Fernando; Castanos, Fernando; Gromov, Dmitry	SYSTEMS & CONTROL LETTERS	OPERATIONS RESEARCH & MANAGEMENT SCIENCE; AUTOMATION & CONTROL SYSTEMS	94		11-18	2016	1	0.29	0.3
<a href="#">Energy control of a pendulum with quantized feedback</a>	Seifullaev, Ruslan E.; Seifullaev, Ruslan E.; Fradkov, Alexander; Fradkov, Alexander; Liberzon, Daniel	AUTOMATICA	AUTOMATION & CONTROL SYSTEMS; ENGINEERING, ELECTRICAL & ELECTRONIC	67		171-177	2016	1	0.11	0.26
<a href="#">Multistage network games with perfect information</a>	Petrosyan, L. A.; Sedakov, A. A.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	75	8	1532-1540	2014	1	0.6	0.1
<a href="#">Limiting zeros of sampled systems with time delay</a>	Bondarko, V. A.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	76	8	1327-1346	2015	1	0.75	0.14
<a href="#">Two-stage network games</a>	Petrosyan, L. A.; Sedakov, A. A.; Bochkarev, A. O.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	77	10	1855-1866	2016	1	1.43	0.27
<a href="#">ON FRACTIONAL LAPLACIANS-3</a>	Musina, Roberta; Nazarov, Alexander I.; Nazarov, Alexander I.; Nazarov, Alexander I.; Nazarov, Alexander I.	ESAIM-CONTROL OPTIMISATION AND CALCULUS OF VARIATIONS	AUTOMATION & CONTROL SYSTEMS; MATHEMATICS, APPLIED	22	3	832-841	2016	1	0.65	0.42
<a href="#">Natural wave control in lattices of linear oscillators</a>	Efimov, Denis V.; Fradkov, Alexander L.; Fradkov, Alexander L.	SYSTEMS & CONTROL LETTERS	OPERATIONS RESEARCH & MANAGEMENT SCIENCE; AUTOMATION & CONTROL SYSTEMS	61	9	887-893	2012	1	0.06	0.07
<a href="#">Equivalence of MIMO Circle Criterion to Existence of Quadratic Lyapunov Function</a>	Lipkovich, Mikhail; Fradkov, Alexander; Fradkov, Alexander; Fradkov, Alexander	IEEE TRANSACTIONS ON AUTOMATIC CONTROL	ENGINEERING, ELECTRICAL & ELECTRONIC; AUTOMATION & CONTROL SYSTEMS	61	7	1895-1899	2016	1	0.15	0.26

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Article Title	Authors	Source	Research Area	Volume	Issue	Pages	Publication Date	Times Cited	Journal Expected Citations	Category Expected Citations
<a href="#">Stability Analysis for the Solutions of a Class of Nonlinear Nonstationary Systems with Delay</a>	Aleksandrov, A. Yu; Zhabko, A. P.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	75	2	399-404	2014	0	1.67	9.84
<a href="#">New classes of stabilizable uncertain systems</a>	Gelig, A. Kh.; Zuber, I. E.; Zakharenkov, M. S.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	77	10	1768-1780	2016	0	0.7	3.73
<a href="#">Kalman-Popov-Yakubovich lemma for ordered fields</a>	Gusev, S. V.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS &	75	1	18-33	2014	0	1.67	9.84

Article Title	Authors	Source	Research Area	Volume	Issue	Pages	Publication Date	Times Cited	Journal Expected Citations	Category Expected Citations
			<b>INSTRUMENTATION</b>							
NONSMOOTH PROBLEMS OF CALCULUS OF VARIATIONS VIA CODIFFERENTIATION	Dolgopolik, Maxim	ESAIM-CONTROL OPTIMISATION AND CALCULUS OF VARIATIONS	AUTOMATION & CONTROL SYSTEMS; MATHEMATICS, APPLIED	20	4	1153-1180	2014	0	5.48	5.78
Discrete-time map for an impulsive Goodwin oscillator with a distributed delay	Churilov, Alexander N.; Medvedev, Alexander	MATHEMATICS OF CONTROL SIGNALS AND SYSTEMS	MATHEMATICS, INTERDISCIPLINARY APPLICATIONS; ENGINEERING, ELECTRICAL & ELECTRONIC; AUTOMATION & CONTROL SYSTEMS	28	1		2016	0	1.14	3.1
Estimating passenger traffic characteristics in transport systems	Bure, V. M.; Mazalov, V. V.; Mazalov, V. V.; Plaksina, N. V.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	76	9	1673-1680	2015	0	1.34	6.96
Lower Semicontinuity of Invariant Sets for Nonautonomous Processes and Skew Products	Pilyugin, Sergei Yu.	JOURNAL OF DYNAMICAL AND CONTROL SYSTEMS	MATHEMATICS, APPLIED; AUTOMATION & CONTROL SYSTEMS	21	4	559-571	2015	0	0.88	4.31
An Example of a Vector Field with the Oriented Shadowing Property	Tikhomirov, Sergey; Tikhomirov, Sergey	JOURNAL OF DYNAMICAL AND CONTROL SYSTEMS	MATHEMATICS, APPLIED; AUTOMATION & CONTROL SYSTEMS	21	4	643-654	2015	0	0.88	4.31
SDP-based approximation of stabilising solutions for periodic matrix Riccati differential equations	Gusev, Sergei V.; Shiriaev, Anton S.; Freidovich, Leonid B.	INTERNATIONAL JOURNAL OF CONTROL	AUTOMATION & CONTROL SYSTEMS	89	7	1396-1405	2016	0	2.83	4.25
On the Asymptotic Stability of Solutions of Hybrid Multivariable Systems	Aleksandrov, A. Yu.; Platonov, A. V.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	75	5	818-828	2014	0	1.67	9.84
Adaptive crawler for external hyperlinks search and acquisition	Pechnikov, A. A.; Pechnikov, A. A.; Chernobrovkin, D. I.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	75	3	587-593	2014	0	1.67	9.84
Lyapunov Functionals and Matrices for Neutral Type Time Delay Systems	Kharitonov, Vladimir L.	TIME DELAY SYSTEMS: METHODS, APPLICATIONS AND NEW TRENDS	AUTOMATION & CONTROL SYSTEMS; COMPUTER SCIENCE, INFORMATION SYSTEMS	423		3-17	2012	0	1.92	12.28
Optimization of immunocorrection of collective immunity	Kolesin, I. D.; Zhitkova, E. M.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	77	6	1031-1040	2016	0	0.7	3.73
Computation of algebraic numbers and arithmetic operations over them with linear memory	Yakhontov, S. V.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	73	2	408-415	2012	0	1.86	12.75
Estimating the position of a moving object based on test disturbance of camera position	Krivokon, D. S.; Vakhitov, A. T.; Granichin, O. N.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	77	2	297-312	2016	0	0.7	3.73
Robust stability of dynamic predictor based control laws for input and state delay systems	Rodriguez-Guerrero, L.; Kharitonov, V. L.; Mondie, S.	SYSTEMS & CONTROL LETTERS	OPERATIONS RESEARCH & MANAGEMENT SCIENCE; AUTOMATION & CONTROL SYSTEMS	96		95-102	2016	0	3.51	3.31

Article Title	Authors	Source	Research Area	Volume	Issue	Pages	Publication Date	Times Cited	Journal Expected Citations	Category Expected Citations
Equilibrium in a transportation game	Melnik, A. V.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	76	5	909-918	2015	0	1.34	6.96
Conditions for sustainable cooperation	Petrosjan, L. A.; Zenkevich, N. A.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	76	10	1894-1904	2015	0	1.34	6.96
Formation of new coalitional structures in voting games	Petrosian, O. L.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	76	11	2070-2077	2015	0	1.34	6.96
The Hamilton-Jacobi-Bellman Equation for a Class of Differential Games with Random Duration	Shevkoplyas, E. V.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	75	5	959-970	2014	0	1.67	9.84
Stable cooperation in stochastic games	Parilina, E. M.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	76	6	1111-1122	2015	0	1.34	6.96
Generalization of the Dvoretzky theorem of convergence rate of the stochastic approximation algorithms	Krasulina, T. P.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	77	8	1399-1402	2016	0	0.7	3.73
Cooperative strong equilibrium in vehicle routing game	Zenkevich, N. A.; Zyatchin, A. V.; Zyatchin, A. V.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	77	10	1867-1881	2016	0	0.7	3.73
Computation of Imaginary Axis Eigenvalues and Critical Parameters for Neutral Time Delay Systems	Ochoa, Gilberto; Mondie, Sabine; Kharitonov, Vladimir L.	TIME DELAY SYSTEMS: METHODS, APPLICATIONS AND NEW TRENDS	AUTOMATION & CONTROL SYSTEMS; COMPUTER SCIENCE, INFORMATION SYSTEMS	423		61-72	2012	0	1.92	12.28
Method of Optimization in Flight Dynamics	Ostov, Yu Ya; Ivanov, A. P.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	75	2	294-301	2014	0	1.67	9.84
Solving the global boundary problem for a nonlinear nonstationary controllable system	Kvitko, A. N.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	76	1	44-63	2015	0	1.34	6.96
Degenerate problems of H-optimization for SISO LTI systems and realizability issues	Veremey, E. I.; Eremeev, V. V.; Zhabko, N. A.; Pogozhev, S. V.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	76	6	1094-1100	2015	0	1.34	6.96
Necessary Stability Conditions for One Delay Systems: A Lyapunov Matrix Approach	Cuvas, Carlos; Cuvas, Carlos; Ramirez, Adrian; Ramirez, Adrian; Egorov, Alexey	DELAY SYSTEMS: FROM THEORY TO NUMERICS AND APPLICATIONS	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE; PHYSICS, MATHEMATICAL; AUTOMATION & CONTROL SYSTEMS	1		3-16	2014	0	2.25	8.56
Mathematical transformations of recurrent relations for different types of homologues	Zenkevich, Igor G.	JOURNAL OF CHEMOMETRICS	CHEMISTRY, ANALYTICAL; MATHEMATICS, INTERDISCIPLINARY APPLICATIONS; AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION; STATISTICS & PROBABILITY;	30	4	217-225	2016	0	1.58	2.89

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			COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE							
Linear Filtering with Adaptive Adjustment of the Disturbance Covariation Matrices in the Plant and Measurement Noise	Barabanov, A. E.	AUTOMATION AND REMOTE CONTROL	AUTOMATION & CONTROL SYSTEMS; INSTRUMENTS & INSTRUMENTATION	77	1					