Ãœlle Kotta

List of Publications by Year
in descending order

224 papers	1,616 citations	471371 17 h-index	477173 29 g-index
239 all docs	239 docs citations	239 times ranked	349 citing authors

#	Article	IF	Citations
1	On the finiteness of accessibility test for nonlinear discrete-time systems. International Journal of Control, 2021, 94, 2330-2336.	1.2	2
2	Accessibility and System Reduction of Nonlinear Time-Delay Control Systems. IEEE Transactions on Automatic Control, 2021, 66, 3781-3788.	3.6	9
3	Accessibility and orbits for discrete-time nonlinear control systems. , 2021, , .		0
4	Comments on 'A new kind of nonlinear disturbance observer for nonlinear systems with applications to cruise control of air-breathing hypersonic vehicles'. International Journal of Control, 2020, 93, 1725-1725.	1.2	2
5	Experimental validation of the Newton observer for a nonlinear flux-controlled AMB system operated with zero-bias flux. International Journal of Control, 2020, 93, 2257-2266.	1.2	4
6	Weak reachability and controllability of discrete-time nonlinear systems: generic approach and singular points. International Journal of Control, 2020, 93, 483-489.	1.2	3
7	A Test for the Generic Strong Accessibility of Meromorphic Nonlinear Systems. IEEE Transactions on Automatic Control, 2020, 65, 867-873.	3.6	4
8	Comments on "PBH tests for nonlinear systems". Automatica, 2020, 111, 108617.	3.0	1
9	Finite determination of accessibility and singular points of nonlinear systems: An algebraic approach. Systems and Control Letters, 2020, 136, 104600.	1.3	1
10	Realizations in feedforward forms of nonlinear input–output equations with time–delays. International Journal of Robust and Nonlinear Control, 2020, 30, 7560-7573.	2.1	0
11	A Flapped Paddle-Fin for Improving Underwater Propulsive Efficiency of Oscillatory Actuation. IEEE Robotics and Automation Letters, 2020, 5, 3176-3181.	3.3	12
12	Challenges and Perspectives in Control of Ionic Polymer-Metal Composite (IPMC) Actuators: A Survey. IEEE Access, 2020, 8, 121059-121073.	2.6	15
13	Transformation of Nonlinear MIMO Discrete–Time Systems into the Extended Observer Form. Asian Journal of Control, 2019, 21, 2208-2217.	1.9	2
14	State feedback linearization of nonlinear control systems on homogeneous time scales. Nonlinear Analysis: Hybrid Systems, 2019, 31, 69-85.	2.1	2
15	Nonlinear Orientation Controller for a Compliant Robotic Fish Based on Asymmetric Actuation. , 2019, , .		6
16	Motor Failure Tolerant Control System With Self Diagnostics for Unmanned Multirotors. , 2019, , .		4
17	Event-Based Control for Differentially Flat Systems: Application to Autonomous Underwater Vehicle. IFAC-PapersOnLine, 2019, 52, 180-185.	0.5	1
18	A Linear Filtering Framework for Nonlinear Systems based on Extended Output Injection. IFAC-PapersOnLine, 2019, 52, 274-279.	0.5	0

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19	Degree of DieudonnÃ© determinant defines the order of nonlinear system. International Journal of Control, 2019, 92, 518-527.	1.2	2
20	Realization of time-delay systems. Automatica, 2018, 90, 317-320.	3.0	6
21	Disturbance decoupling in nonlinear hybrid systems. Nonlinear Analysis: Hybrid Systems, 2018, 28, 42-53.	2.1	9
22	Transformation of nonlinear discrete-time system into the extended observer form. International Journal of Control, 2018, 91, 848-858.	1.2	7
23	Intrinsic Conditions for Extended Observer Forms for Nonlinear Systems. , 2018, , .		3
24	Predictive smart thermostat controller for heating, ventilation, and air-conditioning systems. Proceedings of the Estonian Academy of Sciences, 2018, 67, 291.	0.9	8
25	Minimal realizations of nonlinear systems. Automatica, 2018, 95, 207-212.	3.0	9
26	Newton observer for a nonlinear flux-controlled AMB system. Proceedings of the Estonian Academy of Sciences, 2018, 67, 61.	0.9	2
27	Realization of Nonlinear Time-Delay Inputâ€"Output Equations. , 2018, 2, 369-374.		3
28	Adaptive Controller for Networked Control Systems Subjected to Random Communication Delays. Advances in Intelligent Systems and Computing, 2018, , 78-94.	0.5	3
29	Inputâ€"output decoupling of discrete-time nonlinear systems by dynamic measurement feedback. European Journal of Control, 2017, 34, 31-38.	1.6	3
30	Realisation of linear time-varying systems. International Journal of Control, 2017, 90, 1951-1956.	1.2	1
31	Forward and Backward Shifts of Vector Fields: Towards the Dual Algebraic Framework. IEEE Transactions on Automatic Control, 2017, 62, 3029-3033.	3.6	5
32	NLControl â€" a Mathematica Package for Nonlinear Control Systems * *The research was supported by the Estonian Research Council, personal research funding grant PUT 481. IFAC-PapersOnLine, 2017, 50, 681-686.	0.5	0
33	Feedback linearization of an active magnetic bearing system operated with a zeroâ€"bias flux. International Journal of Applied Mathematics and Computer Science, 2017, 27, 539-548.	1.5	7
34	Feedback linearization of possibly non-smooth systems. Proceedings of the Estonian Academy of Sciences, 2017, 66, 109.	0.9	1
35	Global linearization approach to nonlinear control systems: a brief tutorial overview. Proceedings of the Estonian Academy of Sciences, 2017, 66, 243.	0.9	5
36	Functionsâ€™ algebra in nonlinear control: computational aspects and software. Proceedings of the Estonian Academy of Sciences, 2017, 66, 89.	0.9	4

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37	Flatness Based Control of a HVAC System. Information Technology and Control, 2017, 46, .	1.1	1
38	On the transformation of a nonlinear discrete-time inputâ€"output system into the strong row-reduced form. Proceedings of the Estonian Academy of Sciences, 2016, 65, 220.	0.9	5
39	A polynomial approach to a nonlinear model matching probleem. Proceedings of the Estonian Academy of Sciences, 2016, 65, 330.	0.9	1
40	Learning based personalized energy management systems for residential buildings. Energy and Buildings, 2016, 127, 953-968.	3.1	17
41	Faulty Plant Reconfiguration Based on Disturbance Decoupling Methods. Asian Journal of Control, 2016, 18, 858-867.	1.9	13
42	Construction of Flat Outputs of Nonlinear Discrete-Time Systems in a Geometric and an Algebraic Framework. IFAC-PapersOnLine, 2016, 49, 796-801.	0.5	12
43	Linearization by generalized input-output injections on homogeneous time scales. , 2016, , .		0
44	Disturbance decoupling in nonlinear hybrid systems. , 2016, , .		2
45	On accessibility conditions for state space nonlinear control systems on homogeneous time scales. Systems and Control Letters, 2016, 98, 8-13.	1.3	2
46	Disturbance decoupling problem in finite automata: Sensor location problem. , 2016, , .		0
47	Single-experiment observability decomposition of discrete-time analytic systems. Systems and Control Letters, 2016, 97, 193-199.	1.3	2
48	Any dynamical system is fully accessible through one single actuator and related problems. International Journal of Robust and Nonlinear Control, 2016, 26, 1748-1754.	2.1	1
49	Nabla derivatives associated with nonlinear control systems on homogeneous time scales. Nonlinear Analysis: Modelling and Control, 2016, 21, 547-563.	1.1	3
50	Accessibility conditions of MIMO nonlinear control systems on homogeneous time scales. Mathematical Control and Related Fields, 2016, 6, 217-250.	0.6	5
51	Algebraic Approach for Analysis and Control of a Water Tank System. Information Technology and Control, 2016, 45, .	1.1	0
52	Faulty plant reconfiguration by measurement feedback: sensor location. IFAC-PapersOnLine, 2015, 48, 1283-1288.	0.5	0
53	Input-output linearization by dynamic output feedback on homogeneous time scales. , 2015, , .		1
54	Measurement feedback disturbance decoupling in discreteâ€event systems. International Journal of Robust and Nonlinear Control, 2015, 25, 3330-3348.	2.1	7

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55	Relaxing realizability conditions for discrete-time nonlinear systems. Automatica, 2015, 58, 67-71.	3.0	5
56	Transforming a set of nonlinear input-ouput equations into Popov form. , 2015, , .		1
57	On integrability of observable space for discrete-time analytic systems. , 2015, , .		1
58	On Integrability of Observable Space for Discrete-Time Polynomial Control Systems. IEEE Transactions on Automatic Control, 2015, 60, 1987-1991.	3.6	4
59	Realization of nonlinear MIMO system on homogeneous time scales. European Journal of Control, 2015, 23, 48-54.	1.6	13
60	Static state feedback linearization of nonlinear control systems on homogeneous time scales. Mathematics of Control, Signals, and Systems, 2015, 27, 523-550.	1.4	9
61	Polynomial accessibility condition for the multi-input multi-output nonlinear control system. Proceedings of the Estonian Academy of Sciences, 2014, 63, 136.	0.9	3
62	Linearization by input–output injections on homogeneous time scales. Proceedings of the Estonian Academy of Sciences, 2014, 63, 387.	0.9	2
63	Dynamic feedback linearization of nonlinear control systems on homogenous time scale. , 2014, , .		0
64	Observable space of the nonlinear control system on a homogeneous time scale. Proceedings of the Estonian Academy of Sciences, 2014, 63, 11.	0.9	7
65	Comparison of LPV and nonlinear system theory: A realization problem. Systems and Control Letters, 2014, 64, 72-78.	1.3	13
66	Input–output linearization of discrete-time systems by dynamic output feedback. European Journal of Control, 2014, 20, 73-78.	1.6	7
67	Adjoint Polynomial Formulas for Nonlinear State-Space Realization. IEEE Transactions on Automatic Control, 2014, 59, 256-261.	3.6	14
68	Accommodation to defects in the discrete dynamic systems. Automation and Remote Control, 2014, 75, 997-1009.	0.4	3
69	Disturbance decoupling by measurement feedback. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 7735-7740.	0.4	4
70	Disturbance decoupling for nonlinear systems by measurement feedback: sensor location. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 7729-7734.	0.4	4
71	A layered architecture for control functionality implementation in smart grids. , 2013, , .		8
72	On exact feedback linearization of HVAC systems. , 2013, , .		5

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73	Feedback linearization and lattice theory. Systems and Control Letters, 2013, 62, 248-255.	1.3	13
74	Adaptive regulator for networked control systems: MATLAB and true time implementation. , 2013, , .		9
75	Measurement feedback disturbance decoupling in discrete-time nonlinear systems. Automatica, 2013, 49, 2887-2891.	3.0	28
76	Adaptive LQR controller for Networked Control Systems subjected to random communication delays. , 2013, , .		15
77	Fault accommodation in discrete time dynamic systems: Fault decoupling based approach. , 2013, , .		1
78	Computation of flat outputs for discrete-time nonlinear systems with mathematica. , 2013, , .		0
79	A symbolic software package for nonlinear control systems. , 2013, , .		0
80	Comparison of two methods for computing flat outputs. , 2013, , .		1
81	Extended observer form: simple existence conditions. International Journal of Control, 2013, 86, 794-803.	1.2	9
82	Algebraic formalism of differential p-forms and vector fields for nonlinear control systems on homogeneous time scales. Proceedings of the Estonian Academy of Sciences, 2013, 62, 215.	0.9	10
83	NLControl: Symbolic package for study of nonlinear control systems. , 2013, , .		2
84	On Flatness of Discrete-time Nonlinear Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 588-593.	0.4	15
85	The Minimal Time-Varying Realization of a Nonlinear Time-Invariant System. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 518-523.	0.4	2
86	Input-output linearization by dynamic output feedback. , 2013, , .		2
87	Explicit formulas for the state coordinates in nonlinear MIMO realization problem on homogeneous time scales. , 2012, , .		2
88	Practical polynomial formulas in MIMO nonlinear realization problem. , 2012, , .		1
89	Disturbance decoupling of multi-input multi-output discrete-time nonlinear systems by static measurement feedback. Proceedings of the Estonian Academy of Sciences, 2012, 61, 77.	0.9	3
90	The concepts of Lie derivative for discrete-time systems. Proceedings of the Estonian Academy of Sciences, 2012, 61, 253.	0.9	2

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91	Implementation of the Tools of Functions' Algebra: First Steps. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 1231-1236.	0.4	1
92	Symbolic Polynomial Tools for Nonlinear Control Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 293-298.	0.4	4
93	Dynamic measurement feedback in discrete-time nonlinear control systems. , 2012, , .		6
94	Dual algebraic framework for discrete-time nonlinear control systems. , 2012, , .		2
95	A transfer function approach to the realisation problem of nonlinear systems. International Journal of Control, 2012, 85, 320-331.	1.2	14
96	Realization of discrete-time nonlinear input–output equations: Polynomial approach. Automatica, 2012, 48, 255-262.	3.0	29
97	Extended observer form for discrete-time nonlinear control systems. , 2011, , .		3
98	State-space realization of nonlinear input-output equations: Unification and extension via pseudo-linear algebra. , 2011, , .		2
99	Model matching problem for discrete-time nonlinear systems: Transfer function approach. , 2011, , .		2
100	Comparison of neural networks-based ANARX and NARX models by application of correlation tests. , 2011, , .		8
101	Linear Input-Output Equivalence and Row Reducedness of Discrete-Time Nonlinear Systems. IEEE Transactions on Automatic Control, 2011, 56, 1421-1426.	3.6	14
102	Minimal realization of nonlinear MIMO equations in state-space form: Polynomial approach. , 2011, , .		5
103	On applicability of LPV tools for bilinear systems. , 2011, , .		0
104	Discrete-time Lie derivative with respect to system dynamics. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 11000-11005.	0.4	2
105	An explicit formula for computation of the state coordinates for nonlinear i/o equation.. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 7221-7226.	0.4	2
106	Output Feedback Disturbance Decoupling in Discrete-Time Nonlinear Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 239-244.	0.4	7
107	Some remarks on Kähler differentials and ordinary differentials in nonlinear control theory. Systems and Control Letters, 2011, 60, 699-703.	1.3	5
108	Control systems on regular time scales and their differential rings. Mathematics of Control, Signals, and Systems, 2011, 22, 185-201.	1.4	20

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110	Static state feedback linearizability: relationship between two methods. Proceedings of the Estonian Academy of Sciences, 2011, 60, 121.	0.9	5
111	Minimal realisation of bilinear and quadratic inputâ€"output difference equations in state-space form. International Journal of Control, 2011, 84, 2024-2034.	1.2	3
112	A note on the relationship between single- and multi-experiment observability for discrete-time nonlinear control systems. Proceedings of the Estonian Academy of Sciences, 2011, 60, 174.	0.9	4
113	Simple Conditions for the Existence of an Extended Observer Form. , 2011, , .		1
114	Reduction of MIMO nonlinear systems on homogeneous time scales. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 1249-1254.	0.4	5
115	Extension of the transfer function approach to the realization problem of nonlinear systems to discrete-time case. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 179-184.	0.4	5
116	Transfer Equivalence and Realization of Nonlinear Input-Output Delta-Differential Equations on Homogeneous Time Scales. IEEE Transactions on Automatic Control, 2010, 55, 2601-2606.	3.6	22
117	Realizability of bilinear input/output difference equations: corrections and extensions. , 2010, , .		1
118	Necessary and Sufficient Conditions in Terms of Differential-Forms for Linearization of the State Equations up to Input-Output Injections. , 2010, , .		3
119	Discussion on: â€œUnified Approach to the Problem of Full Decoupling via Output Feedbackâ€. European Journal of Control, 2010, 16, 326-328.	1.6	8
120	WebMathematica-based tools for discrete-time nonlinear control systems. Proceedings of the Estonian Academy of Sciences, 2009, 58, 224.	0.9	13
121	Irreducibility, reduction and transfer equivalence of nonlinear inputâ€"output equations on homogeneous time scales. Systems and Control Letters, 2009, 58, 646-651.	1.3	29
122	On classical state space realisability of quadratic inputâ€"output differential equations. International Journal of Control, 2009, 82, 1212-1218.	1.2	2
123	Realization problem of SISO nonlinear systems: A transfer function approach. , 2009, , .		8
124	Transformation the Nonlinear System into the Observer Form: Simplification and Extension. European Journal of Control, 2009, 15, 177-183.	1.6	9
125	Necessary conditions for transformation the nonlinear control system into the observer form via state and output coordinate changes. , 2009, , .		1
126	Irreducibility and reduction of MIMO nonlinear control systems: Unification and extension via pseudo-linear algebra. , 2009, , .		1

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127	Submersive rational difference systems and their accessibility. , 2009, , .		22
128	Conclusions And Future Perspectives. , 2009, , 229-231.		1
129	Differential rings associated with control systems on regular time scales. , 2009, , .		2
130	Realization of Continuousâ€"Time Nonlinear Inputâ€"Output Equations: Polynomial Approach. Lecture Notes in Computer Science, 2009, , 633-640.	1.0	4
131	Non-commutative determinants in nonlinear control theory: Preliminary ideas. , 2008, , .		3
132	Transformation of nonlinear control systems into the observer form: necessary conditions. , 2008, , .		2
133	A polynomial approach to the synthesis of observers for nonlinear systems. , 2008, , .		5
134	Realization of discrete-time nonlinear input-output equations: polynomial approach. , 2008, , .		12
135	Transfer equivalence and reduction of nonlinear delta differential equations on homogeneous time scale. , 2008, , .		3
136	Irreducibility and reduction of nonlinear control systems: Unification and extension via pseudo-linear algebra. , 2008, , .		1
137	Possible Non-Integrability of Observable Space for Discrete-Time Nonlinear Control Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 9852-9856.	0.4	7
138	Transfer Function Approach to the Model Matching Problem of Nonlinear Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 15197-15202.	0.4	24
139	Adaptive Output Feedback Linearization for a Class of NN-based ANARX Models. , 2007, , .		13
140	GENERALIZED STATE EQUATIONS FOR CONTINUOUS-TIME BILINEAR INPUT-OUTPUT EQUATIONS: REMOVING THE INPUT DERIVATIVES. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 699-704.	0.4	0
141	PSEUDO-LINEAR ALGEBRA: A POWERFUL TOOL IN UNIFICATION OF THE STUDY OF NONLINEAR CONTROL SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 711-716.	0.4	15
142	STATE-SPACE REALIZATION OF NONLINEAR INPUT-OUTPUT DELTA DIFFERENTIAL EQUATIONS ON HOMOGENEOUS TIME SCALES. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 356-361.	0.4	1
143	IRREDUCIBILITY CONDITIONS FOR NONLINEAR INPUT-OUTPUT EQUATIONS ON HOMOGENEOUS TIME SCALES. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 705-710.	0.4	5
144	ON CLASSICAL STATE SPACE REALIZABILITY OF QUADRATIC INPUT-OUTPUT DIFFERENTIAL EQUATIONS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 332-337.	0.4	0

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145	State space realization of bilinear continuous-time inputâ€"output equations. International Journal of Control, 2007, 80, 1607-1615.	1.2	7
146	The connection between different static state feedback linearizability conditions of discrete time nonlinear control systems. , 2007, , .		2
147	Extension of the concept of transfer function to discrete-time nonlinear control systems. , 2007, , .		13
148	WEBMATHEMATICA BASED TOOLS FOR NONLINEAR CONTROL SYSTEMS. , 2007, , .		0
149	Algebraic formalism of differential one-forms for nonlinear control systems on time scales; 264-282. Proceedings of the Estonian Academy of Sciences: Physics, Mathematics, 2007, 56, 264.	0.3	28
150	Transfer functions of discrete-time nonlinear control systems; 322-335. Proceedings of the Estonian Academy of Sciences: Physics, Mathematics, 2007, 56, 322.	0.3	7
151	Neural Networks Based ANARX Structure for Identification and Model Based Control. , 2006, , .		16
152	On Classical State Space Realizability of Bilinear Input-Output Differential Equations. , 2006, , .		1
153	On realizability of neural networks-based inputâ€"output models in the classical state-space form. Automatica, 2006, 42, 1211-1216.	3.0	48
154	Irreducibility Conditions for Continuous-time Multi-input Multi-output Nonlinear Systems. , 2006, , .		10
155	Verification of the identifiability property for nonlinear control systems with computer algebra system Mathematica. , 2006, , .		1
156	Equivalence of realizability conditions for nonlinear control systems. Proceedings of the Estonian Academy of Sciences: Physics, Mathematics, 2006, 55, 24.	0.3	5
157	On Classical State Space Realizability of Bilinear Input-Output Differential Equations. , 2006, , .		0
158	Verification of the identifiability property for nonlinear control systems with computer algebra system Mathematica. , 2006, , .		0
159	EQUIVALENCE OF DIFFERENT REALIZABILITY CONDITIONS FOR NONLINEAR MIMO DIFFERENTIAL EQUATIONS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 133-138.	0.4	0
160	REALIZATION OF NONLINEAR DISCRETE-TIME COMPOSITE SYSTEMS: COMPUTATIONAL ASPECTS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 139-144.	0.4	1
161	Equivalence of Different Realization Methods for Higher Order Nonlinear Inputâ€"Output Differential Equations. European Journal of Control, 2005, 11, 185-193.	1.6	17
162	Controller and controllability canonical forms for discrete-time nonlinear systems. Proceedings of the Estonian Academy of Sciences: Physics, Mathematics, 2005, 54, 55.	0.3	1

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163	Decomposition of discrete-time nonlinear control systems. Proceedings of the Estonian Academy of Sciences: Physics, Mathematics, 2005, 54, 154.	0.3	17
164	Nonlinear discrete-time models: state-space vs. I/O representations. Journal of Process Control, 2004, 14, 533-538.	1.7	13
165	Generalization of Transfer Equivalence for Discrete-Time Non-Linear Systems: Comparison of Two Definitions. International Journal of Control, 2004, 77, 741-747.	1.2	5
166	Realization of Nonlinear Discrete-Time Composite Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 663-668.	0.4	1
167	Irreducibility conditions for discrete-time nonlinear multi-input multi-output systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 255-260.	0.4	11
168	Input-Output Equivalence Transformations for Discrete-Time Nonlinear Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 657-662.	0.4	2
169	Classical state space realizability of input-output bilinear models. International Journal of Control, 2003, 76, 1224-1232.	1.2	14
170	Extensions of Linear Algebraic Methods to Nonlinear Systems: An Educational Perspective. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 153-158.	0.4	0
171	Realization of nonlinear systems described by input/output differential equations: Equivalence of different methods. , 2003, , .		2
172	Linear algebraic tools for discrete-time nonlinear control systems with Mathematica. , 2003, , 195-205.		10
173	Two Approaches for State Space Realization of NARMA Models: Bridging the Gap. Mathematical and Computer Modelling of Dynamical Systems, 2002, 8, 21-32.	1.4	38
174	INPUT-OUTPUT DECOUPLING OF NONLINEAR DISCRETE-TIME SYSTEMS BY STATIC OUTPUT FEEDBACK. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 293-298.	0.4	3
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176	Controller and Controllability Canonical Forms for Discrete-Time Non-Linear Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 391-394.	0.4	0
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179	Transfer equivalence and realization of nonlinear higher order input–output difference equations. Automatica, 2001, 37, 1771-1778.	3.0	67
180	Generalized controlled invariance for discrete-time nonlinear systems with an application to the dynamic disturbance decoupling problem. IEEE Transactions on Automatic Control, 2001, 46, 165-171.	3.6	10

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182	Comments on "On the discrete-time normal form". IEEE Transactions on Automatic Control, 2000, 45, 2197.	3.6	4
183	TRANSFER EQUIVALENCE AND REALIZATION OF NONLINEAR HIGHER ORDER INPUT/OUTPUT DIFFERENCE EQUATIONS USING MATHEMATICA. Journal of Circuits, Systems and Computers, 1999, 09, 23-35.	1.0	8
184	Transfer equivalence and realization of nonlinear higher order i/o difference equations using maple. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 2375-2380.	0.4	2
185	Towards a solution of the state-space realization problem of a set of multi-input multi-output nonlinear difference equations. , 1999, , .		10
186	INPUT-OUTPUT DECOUPLING OF NONLINEAR RECURSIVE SYSTEMS. , 1999, , .		2
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188	Transfer Equivalence of Nonlinear Higher Order Difference Equations. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 73-78.	0.4	4
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190	State-space realization of input-output nonlinear difference equations. , 1997, , .		7
191	Linearization of Discrete-Time Systems. SIAM Journal on Control and Optimization, 1996, 34, 1999-2023.	1.1	174
192	On Right Invertibility of Nonlinear Recursive Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1996, 29, 2406-2411.	0.4	0
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199	System inversion. General case. Lecture Notes in Control and Information Sciences, 1995, , 69-87.	0.6	0
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