

CITATION REPORT

List of articles citing

Parameter estimation and controller design for dynamic systems from the step responses based on the Newton iteration

DOI: 10.1007/s11071-014-1801-7
Nonlinear Dynamics, 2015, 79, 2155-2163.

Source: <https://exaly.com/paper-pdf/61819317/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
224	Multi-innovation parameter estimation for Hammerstein MIMO output-error systems based on the key-term separation**This work was supported by the National Natural Science Foundation of China and the PAPD of Jiangsu Higher Education Institutions.. 2015 , 48, 457-462		4
223	Coupled gradient algorithm for multivariable nonlinear systems. 2015 ,		
222	Application of the Newton iteration algorithm to the parameter estimation for dynamical systems. 2015 , 288, 33-43		132
221	A novel data filtering based multi-innovation stochastic gradient algorithm for Hammerstein nonlinear systems. 2015 , 46, 215-225		31
220	Newton iterative method for the system modeling based on the step responses signal to the multi-stage operational amplifier circuit. 2015 ,		
219	Parameter estimation of single-input multiple-output systems using the finite impulse response approximation and gradient search. 2015 ,		
218	Novel recursive least squares identification for a class of nonlinear multiple-input single-output systems using the filtering technique. 2016 , 8, 168781401668033		4
217	Filtering based multi-stage recursive least squares parameter estimation algorithm for input nonlinear output-error autoregressive systems. 2016 ,		1
216	Filtering based multi-innovation stochastic gradient identification algorithm for multivariable nonlinear equation-error autoregressive systems. 2016 ,		
215	Kalman state filtering based least squares iterative parameter estimation for observer canonical state space systems using decomposition. 2016 , 301, 135-143		57
214	The auxiliary model based hierarchical gradient algorithms and convergence analysis using the filtering technique. 2016 , 128, 212-221		59
213	A novel parameter separation based identification algorithm for Hammerstein systems. 2016 , 60, 21-27		77
212	Least Squares-Based Iterative Identification Methods for Linear-in-Parameters Systems Using the Decomposition Technique. 2016 , 35, 3863-3881		3
211	Data filtering based forgetting factor stochastic gradient algorithm for Hammerstein systems with saturation and preload nonlinearities. <i>Journal of the Franklin Institute</i> , 2016 , 353, 4280-4299	4	13
210	A novel HTD-CS based PID controller tuning method for time delay continuous systems with multi-objective and multi-constraint optimization. 2016 , 115, 98-106		6
209	Least squares based iterative parameter estimation algorithms for multivariate autoregressive moving average systems using the decomposition. 2016 ,		
208	Combined state and multi-innovation parameter estimation for an input non-linear state-space system using the key term separation. <i>IET Control Theory and Applications</i> , 2016 , 10, 1503-1512	2.5	12

207	Multi-innovation extended stochastic gradient algorithm for multi-input multi-output controlled autoregressive moving average systems by using the filtering technique. 2016,		
206	The adaptive damping iterative parameter estimation algorithm for dynamical systems. 2016,		
205	Identification Methods for Two-Variable Difference Systems. 2016, 35, 3027-3039		3
204	Hierarchical multi-innovation extended stochastic gradient algorithms for input nonlinear multivariable OEMA systems by the key-term separation principle. <i>Nonlinear Dynamics</i> , 2016, 85, 499-507		6
203	Data filtering-based least squares iterative algorithm for Hammerstein nonlinear systems by using the model decomposition. <i>Nonlinear Dynamics</i> , 2016, 83, 1895-1908	5	6
202	Recursive Parameter Estimation Algorithms and Convergence for a Class of Nonlinear Systems with Colored Noise. 2016, 35, 3461-3481		23
201	Recursive least squares algorithm and gradient algorithm for Hammerstein-Wiener systems using the data filtering. <i>Nonlinear Dynamics</i> , 2016, 84, 1045-1053	5	68
200	The damping iterative parameter identification method for dynamical systems based on the sine signal measurement. 2016, 120, 660-667		189
199	An auxiliary model based least squares algorithm for a dual-rate state space system with time-delay using the data filtering. <i>Journal of the Franklin Institute</i> , 2016, 353, 398-408	4	55
198	Gradient-based iterative identification methods for multivariate pseudo-linear moving average systems using the data filtering. <i>Nonlinear Dynamics</i> , 2016, 84, 2003-2015	5	6
197	Parameter estimation for nonlinear systems by using the data filtering and the multi-innovation identification theory. 2016, 93, 1869-1885		6
196	Data filtering based multi-innovation extended gradient method for controlled autoregressive autoregressive moving average systems using the maximum likelihood principle. 2017, 132, 53-67		13
195	New gradient based identification methods for multivariate pseudo-linear systems using the multi-innovation and the data filtering. <i>Journal of the Franklin Institute</i> , 2017, 354, 1568-1583	4	46
194	Combined state and parameter estimation for Hammerstein systems with time delay using the Kalman filtering. 2017, 31, 1139-1151		20
193	Parameter estimation algorithms for dynamical response signals based on the multi-innovation theory and the hierarchical principle. 2017, 11, 228-237		110
192	Adaptive filtering-based multi-innovation gradient algorithm for input nonlinear systems with autoregressive noise. 2017, 31, 1388-1400		16
191	A multi-innovation state and parameter estimation algorithm for a state space system with d-step state-delay. 2017, 140, 97-103		104
190	Partially coupled extended stochastic gradient algorithm for nonlinear multivariable output error moving average systems. 2017, 34, 629-647		5

189	Recursive parameter identification of the dynamical models for bilinear state space systems. <i>Nonlinear Dynamics</i> , 2017 , 89, 2415-2429	5	111
188	Gradient iterative algorithm for dual-rate nonlinear systems based on a novel particle filter. <i>Journal of the Franklin Institute</i> , 2017 , 354, 4425-4437	4	27
187	Hierarchical identification for multivariate Hammerstein systems by using the modified Kalman filter. <i>IET Control Theory and Applications</i> , 2017 , 11, 857-869	2.5	60
186	Recasted models-based hierarchical extended stochastic gradient method for MIMO nonlinear systems. <i>IET Control Theory and Applications</i> , 2017 , 11, 476-485	2.5	55
185	Least-squares-based iterative and gradient-based iterative estimation algorithms for bilinear systems. <i>Nonlinear Dynamics</i> , 2017 , 89, 197-211	5	40
184	Stabilization of fractional-order coupled systems with time delay on networks. <i>Nonlinear Dynamics</i> , 2017 , 88, 521-528	5	8
183	The Boubaker polynomials and their application to solve fractional optimal control problems. <i>Nonlinear Dynamics</i> , 2017 , 88, 1013-1026	5	42
182	Filtering based parameter estimation for observer canonical state space systems with colored noise. <i>Journal of the Franklin Institute</i> , 2017 , 354, 593-609	4	9
181	Joint state and multi-innovation parameter estimation for time-delay linear systems and its convergence based on the Kalman filtering. 2017 , 62, 211-223		90
180	Decomposition based least squares iterative identification algorithm for multivariate pseudo-linear ARMA systems using the data filtering. <i>Journal of the Franklin Institute</i> , 2017 , 354, 1321-1339	4	124
179	Iterative identification algorithms for bilinear-in-parameter systems with autoregressive moving average noise. <i>Journal of the Franklin Institute</i> , 2017 , 354, 7885-7898	4	47
178	Parameter estimation for control systems based on impulse responses. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 2471-2479	2.9	88
177	Parameter identification method for process control systems based on the Newton iteration. 2017 ,		1
176	Coupled stochastic gradient identification algorithms for multivariate output-error systems using the auxiliary model. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 1622-1631	2.9	6
175	A recursive least squares parameter estimation algorithm for output nonlinear autoregressive systems using the input/output data filtering. <i>Journal of the Franklin Institute</i> , 2017 , 354, 6938-6955	4	58
174	The parameter identification method for the over-damping system based on the Newton iteration. 2017 ,		1
173	Multi-innovation gradient parameter estimation algorithms for closed-loop Hammerstein nonlinear systems. 2017 ,		1
172	The Gradient-Based Iterative Estimation Algorithms for Bilinear Systems with Autoregressive Noise. 2017 , 36, 4541-4568		50

171	A filtering based multi-innovation extended stochastic gradient algorithm for multivariable control systems. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 1189-1197	2.9	174
170	Active fault-tolerant linear parameter varying control for the pitch actuator of wind turbines. <i>Nonlinear Dynamics</i> , 2017 , 87, 475-487	5	9
169	Parameter estimation for pseudo-linear systems using the auxiliary model and the decomposition technique. <i>IET Control Theory and Applications</i> , 2017 , 11, 390-400	2.5	102
168	Hierarchical Stochastic Gradient Algorithm and its Performance Analysis for a Class of Bilinear-in-Parameter Systems. 2017 , 36, 1393-1405		43
167	Recursive Least Squares and Multi-innovation Stochastic Gradient Parameter Estimation Methods for Signal Modeling. 2017 , 36, 1735-1753		115
166	Gradient-Based Recursive Identification Methods for Input Nonlinear Equation Error Closed-Loop Systems. 2017 , 36, 2166-2183		6
165	Parameter estimation algorithms for Hammerstein time-delay systems based on the orthogonal matching pursuit scheme. 2017 , 11, 265-274		18
164	Recursive Least Squares Algorithm for Nonlinear Dual-rate Systems Using Missing-Output Estimation Model. 2017 , 36, 1406-1425		18
163	Multiperiodicity and Exponential Attractivity of Neural Networks with Mixed Delays. 2017 , 36, 2558-2573		34
162	A novel weight function-based robust iterative learning identification method for discrete Box-Jenkins models with Student's t-distribution noises. <i>Journal of the Franklin Institute</i> , 2017 , 354, 8645-8658	4	4
161	The parameter estimation algorithms based on the dynamical response measurement data. 2017 , 9, 168781401773000		126
160	Filtering based least squares parameter estimation algorithms for Hammerstein nonlinear CARMA systems. 2017 ,		1
159	The Hierarchical Iterative Identification Algorithm for Multi-Input-Output-Error Systems with Autoregressive Noise. 2017 , 2017, 1-11		36
158	The hierarchical gradient based iterative identification algorithm for multi-input output-error autoregressive systems. 2017 ,		1
157	Least Squares based Iterative Parameter Estimation Algorithm for Stochastic Dynamical Systems with ARMA Noise Using the Model Equivalence. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 630-639	2.9	38
156	A hierarchical least squares identification algorithm for Hammerstein nonlinear systems using the key term separation. <i>Journal of the Franklin Institute</i> , 2018 , 355, 3737-3752	4	108
155	An efficient algorithm for low-order direct discrete-time implementation of fractional order transfer functions. 2018 , 74, 229-238		50
154	Iterative parameter identification for pseudo-linear systems with ARMA noise using the filtering technique. <i>IET Control Theory and Applications</i> , 2018 , 12, 892-899	2.5	89

153	Combined state and parameter estimation for a bilinear state space system with moving average noise. <i>Journal of the Franklin Institute</i> , 2018 , 355, 3079-3103	4	102
152	Design of momentum LMS algorithm for control autoregressive autoregressive systems. 2018 ,		1
151	Data filtering based maximum likelihood extended gradient method for multivariable systems with autoregressive moving average noise. <i>Journal of the Franklin Institute</i> , 2018 , 355, 3381-3398	4	3
150	Design of momentum LMS adaptive strategy for parameter estimation of Hammerstein controlled autoregressive systems. 2018 , 30, 1133-1143		12
149	Recursive least squares identification methods for multivariate pseudo-linear systems using the data filtering. 2018 , 29, 1135-1152		7
148	Local search methods for the solution of implicit inverse problems. 2018 , 22, 4819-4832		3
147	An online identification algorithm of unknown time-varying delay and internal multimodel control for discrete non-linear systems. 2018 , 24, 26-43		5
146	Decomposition-Based Gradient Estimation Algorithms for Multivariate Equation-Error Autoregressive Systems Using the Multi-innovation Theory. 2018 , 37, 1846-1862		3
145	Advancements in the identification of passive RC networks for compact modeling of thermal effects in electronic devices and systems. 2018 , 31, e2296		8
144	Recursive and Iterative Least Squares Parameter Estimation Algorithms for Multiple-Input/Output-Error Systems with Autoregressive Noise. 2018 , 37, 1884-1906		54
143	An Experimental Validation of a New Method for Multimodel Identification. 2018 , 140,		6
142	The data filtering based generalized stochastic gradient parameter estimation algorithms for multivariate output-error autoregressive systems using the auxiliary model. 2018 , 29, 1781-1800		5
141	Iterative Parameter Estimation for Signal Models Based on Measured Data. 2018 , 37, 3046-3069		83
140	Hierarchical Newton Iterative Parameter Estimation of a Class of Input Nonlinear Systems Based on the Key Term Separation Principle. 2018 , 2018, 1-11		1
139	The multi-innovation stochastic gradient method for double-frequency signals through dynamical sampled data. 2018 ,		
138	The Improved Multi-Innovation Parameter Estimation Algorithms for the Sine Signal Modeling with the Single-Frequency. 2018 ,		
137	Control Algorithms of Magnetic Suspension Systems Based on the Improved Double Exponential Reaching Law of Sliding Mode Control. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 2878-2887	2.9	157
136	Maximum Likelihood Multi-innovation Stochastic Gradient Estimation for Multivariate Equation-error Systems. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 2528-2537	2.9	4

135	Hierarchical Parameter Estimation for the Frequency Response Based on the Dynamical Window Data. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 1756-1764	2.9	158
134	Adaptive Gradient-Based Iterative Algorithm for Multivariable Controlled Autoregressive Moving Average Systems Using the Data Filtering Technique. 2018 , 2018, 1-11		43
133	Recursive Identification Methods for Multivariate Output-error Moving Average Systems Using the Auxiliary Model. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 1070-1079	2.9	5
132	The multi-innovation stochastic gradient method for multi-frequency signal models. 2018 ,		
131	Generalized Nonlinear Stiffness Identification on Controlled Mechanical Vibrating Systems. 2019 , 21, 1281-1292		12
130	Iterative Identification of Discrete-Time Systems With Bilinear Forms in the Presence of Colored Noises Based on the Hierarchical Principle. 2019 , 14,		
129	Contestation of Rhetoric within the Chinese Tradition: An Overview of Confucian Moralistic Rhetoric, Daoist Transcendental Rhetoric, and Mohist Utilitarian Rhetoric. 2019 , 22, 125-138		
128	Decomposition Least-Squares-Based Iterative Identification Algorithms for Multivariable Equation-Error Autoregressive Moving Average Systems. 2019 , 7, 609		16
127	Recursive Algorithms for Multivariable Output-Error-Like ARMA Systems. 2019 , 7, 558		29
126	Hierarchical recursive generalized extended least squares estimation algorithms for a class of nonlinear stochastic systems with colored noise. <i>Journal of the Franklin Institute</i> , 2019 , 356, 10102-10122 ⁴		61
125	Parameter estimation for a special class of nonlinear systems by using the over-parameterisation method and the linear filter. 2019 , 50, 1689-1702		1
124	Recursive Identification Algorithms for a Class of Linear Closed-loop Systems. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 3194-3204	2.9	4
123	Partially-Coupled Recursive Least Squares Algorithm for Multivariate Systems Based on the Model Transformation. 2019 , 7, 123086-123097		2
122	An Aircraft Target Detection Method Based on Regional Convolutional Neural Network for Remote Sensing Images. 2019 ,		1
121	Gradient-Based Iterative Parameter Estimation Algorithms for Dynamical Systems from Observation Data. 2019 , 7, 428		45
120	Maximum likelihood gradient identification for multivariate equation-error moving average systems using the multi-innovation theory. 2019 , 33, 1031-1046		1
119	State estimation for bilinear systems through minimizing the covariance matrix of the state estimation errors. 2019 , 33, 1157-1173		136
118	The filtering-based maximum likelihood iterative estimation algorithms for a special class of nonlinear systems with autoregressive moving average noise using the hierarchical identification principle. 2019 , 33, 1189-1211		93

117	Decomposition-based Gradient Estimation Algorithms for Multivariable Equation-error Systems. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 2037-2045	2.9	3
116	Two-stage Recursive Least Squares Parameter Estimation Algorithm for Multivariate Output-error Autoregressive Moving Average Systems. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 1547-1557	2.9	0
115	A Hierarchical Approach for Joint Parameter and State Estimation of a Bilinear System with Autoregressive Noise. 2019 , 7, 356		24
114	On some parameter estimation algorithms for the nonlinear exponential autoregressive model. 2019 , 33, 999-1015		3
113	Particle filtering based parameter estimation for systems with output-error type model structures. <i>Journal of the Franklin Institute</i> , 2019 , 356, 5521-5540	4	85
112	Kalman filtering based gradient estimation algorithms for observer canonical state-space systems with moving average noises. <i>Journal of the Franklin Institute</i> , 2019 , 356, 5485-5502	4	6
111	Highly computationally efficient state filter based on the delta operator. 2019 , 33, 875-889		93
110	Fitting the exponential autoregressive model through recursive search. <i>Journal of the Franklin Institute</i> , 2019 , 356, 5801-5818	4	6
109	Maximum likelihood-based recursive least-squares estimation for multivariable systems using the data filtering technique. 2019 , 50, 1121-1135		5
108	Maximum Likelihood Recursive Identification for the Multivariate Equation-Error Autoregressive Moving Average Systems Using the Data Filtering. 2019 , 7, 41154-41163		32
107	Simultaneous estimation of parameter uncertainties and disturbance trajectory for robotic manipulator. 2019 , 44, 1		
106	Backtracking search optimization heuristics for nonlinear Hammerstein controlled auto regressive auto regressive systems. 2019 , 91, 99-113		17
105	Recursive least squares algorithm and stochastic gradient algorithm for feedback nonlinear equation-error systems. 2019 , 32, 251-257		1
104	The gradient and the Newton iterative modelling methods for an operational amplifier circuit. 2019 , 32, 212-218		
103	Recursive Least Squares Parameter Estimation Algorithms for a Class of Nonlinear Stochastic Systems With Colored Noise Based on the Auxiliary Model and Data Filtering. 2019 , 7, 181295-181304		3
102	Two-stage multi-innovation stochastic gradient algorithm for multivariate output-error ARMA systems based on the auxiliary model. 2019 , 50, 2870-2884		2
101	Parameter identification using moment of velocity. 2019 , 6, 190671		
100	Recursive Parsimonious Subspace Identification for Closed-Loop Hammerstein Nonlinear Systems. 2019 , 7, 173515-173523		5

99	Algebraic parameter estimation approaches for process control systems from sine responses. 2019,		
98	Variational Bayesian Iterative Estimation Algorithm for Linear Difference Equation Systems. 2019, 7, 1143		1
97	Recursive generalized extended least squares and RML algorithms for identification of bilinear systems with ARMA noise. 2019, 88, 50-61		14
96	Weighted Parameter Estimation for Hammerstein Nonlinear ARX Systems. 2020, 39, 2178-2192		66
95	A Novel EM Identification Method for Hammerstein Systems With Missing Output Data. 2020, 16, 2500-2508		59
94	The Auxiliary Model Based Hierarchical Estimation Algorithms for Bilinear Stochastic Systems with Colored Noises. <i>International Journal of Control, Automation and Systems,</i> 2020, 18, 650-660	2.9	24
93	A New Iterative Least Squares Parameter Estimation Approach for Equation-error Autoregressive Systems. <i>International Journal of Control, Automation and Systems,</i> 2020, 18, 780-790	2.9	25
92	Two-stage Gradient-based Iterative Estimation Methods for Controlled Autoregressive Systems Using the Measurement Data. <i>International Journal of Control, Automation and Systems,</i> 2020, 18, 886-896	2.9	98
91	Joint Multi-innovation Recursive Extended Least Squares Parameter and State Estimation for a Class of State-space Systems. <i>International Journal of Control, Automation and Systems,</i> 2020, 18, 1412-1424	2.9	35
90	Hierarchical parameter and state estimation for bilinear systems. 2020, 51, 275-290		73
89	Adaptive parameter estimation for a general dynamical system with unknown states. <i>International Journal of Robust and Nonlinear Control,</i> 2020, 30, 1351-1372	3.6	62
88	Zeroing neural network methods for solving the Yang-Baxter-like matrix equation. 2020, 383, 409-418		11
87	Adaptive PID Control for Second Order Nonlinear Systems. 2020,		1
86	Convenient parameter estimation approaches for process control systems with time-delay via step responses. 2020,		
85	Two-stage recursive identification algorithms for a class of nonlinear time series models with colored noise. <i>International Journal of Robust and Nonlinear Control,</i> 2020, 30, 7766-7782	3.6	2
84	The filtering based auxiliary model generalized extended stochastic gradient identification for a multivariate output-error system with autoregressive moving average noise using the multi-innovation theory. <i>Journal of the Franklin Institute,</i> 2020, 357, 5591-5609	4	7
83	A new path planning method of mobile robot based on adaptive dynamic firefly algorithm. 2020, 34, 2050322		4
82	An finite iterative algorithm for sloving periodic Sylvester bmatrix equations. <i>Journal of the Franklin Institute,</i> 2020, 357, 10757-10772	4	31

81	Expectation maximization identification algorithm for time-delay two-dimensional systems. <i>Journal of the Franklin Institute</i> , 2020 , 357, 9992-10009	4	1
80	Variational Bayesian identification for bilinear state space models with Markov-switching time delays. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 7478-7495	3.6	2
79	Two-stage auxiliary model gradient-based iterative algorithm for the input nonlinear controlled autoregressive system with variable-gain nonlinearity. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 5492-5509	3.6	50
78	Multi-Innovation Stochastic Gradient Parameter and State Estimation Algorithm for Dual-Rate State-Space Systems with d-Step Time Delay. 2020 , 2020, 1-11		1
77	Maximum likelihood iterative identification approaches for multivariable equation-error moving average systems. 2020 , 51, 3285-3298		3
76	Hierarchical extended least squares estimation approaches for a multi-input multi-output stochastic system with colored noise from observation data. <i>Journal of the Franklin Institute</i> , 2020 , 357, 11094-11110	4	4
75	Deep-Learning Prediction Model with Serial Two-Level Decomposition Based on Bayesian Optimization. 2020 , 2020, 1-14		20
74	Data filtering-based parameter and state estimation algorithms for state-space systems disturbed by coloured noises. 2020 , 51, 1669-1684		5
73	Improved gradient descent algorithms for time-delay rational state-space systems: intelligent search method and momentum method. <i>Nonlinear Dynamics</i> , 2020 , 101, 361-373	5	10
72	Combined estimation of the parameters and states for a multivariable state-space system in presence of colored noise. 2020 , 34, 590-613		8
71	Parameter Identification of ARX Models Based on Modified Momentum Gradient Descent Algorithm. 2020 , 2020, 1-11		8
70	Recursive Identification of Errors-in-Variables Systems Based on the Correlation Analysis. 2020 , 39, 5951-5981		2
69	Recursive Approach of Sub-Optimal Excitation Signal Generation and Optimal Parameter Estimation. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 1965-1974	2.9	2
68	Improved sliding mode based EKF for the SOC estimation of lithium-ion batteries. 2020 , 26, 2875-2882		16
67	Parametric solutions to generalized periodic Sylvester bimatrices equations. <i>Journal of the Franklin Institute</i> , 2020 , 357, 3601-3621	4	19
66	A Neuron-Based Kalman Filter with Nonlinear Autoregressive Model. 2020 , 20,		34
65	IE&EM 2019. 2020 ,		
64	Stochastic average gradient algorithm for multirate FIR models with varying time delays using self-organizing maps. 2020 , 34, 955-970		23

63	Prediction Error Identification Method for Continuous-time Systems Having Multiple Unknown Time Delays. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 2268-2276	2.9	3
62	Hierarchical least squares parameter estimation algorithm for two-input Hammerstein finite impulse response systems. <i>Journal of the Franklin Institute</i> , 2020 , 357, 5019-5032	4	91
61	Identification of Two-Dimensional Causal Systems With Missing Output Data via Expectation Maximization Algorithm. 2021 , 17, 5185-5196		3
60	Three-stage forgetting factor stochastic gradient parameter estimation methods for a class of nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 971-987	3.6	40
59	Maximum likelihood hierarchical least squares-based iterative identification for dual-rate stochastic systems. 2021 , 35, 240-261		44
58	Fault Detection and Identification Method for Quadcopter Based on Airframe Vibration Signals. 2021 , 21,		31
57	Hierarchical estimation approach for RBF-AR models with regression weights based on the increasing data length. 2021 , 1-1		32
56	Mini-AUV Hydrodynamic Parameters Identification via CFD Simulations and Their Application on Control Performance Evaluation. 2021 , 21,		5
55	The robust multi-innovation estimation algorithm for Hammerstein non-linear systems with non-Gaussian noise. <i>IET Control Theory and Applications</i> , 2021 , 15, 989-1002	2.5	1
54	Parameter estimation for an exponential autoregressive time series model by the Newton search and multi-innovation theory. 2021 , 52, 2630-2645		
53	Maximum likelihood extended gradient-based estimation algorithms for the input nonlinear controlled autoregressive moving average system with variable-gain nonlinearity. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 4017-4036	3.6	39
52	Identification methods of nonlinear systems based on the kernel functions. <i>Nonlinear Dynamics</i> , 2021 , 104, 2537-2552	5	3
51	Recursive least squares estimation methods for a class of nonlinear systems based on non-uniform sampling. 2021 , 35, 1612-1632		1
50	Finite-time adaptive control for nonlinear systems with uncertain parameters based on the command filters. 2021 , 35, 1754-1767		14
49	Hierarchical gradient- and least squares-based iterative algorithms for input nonlinear output-error systems using the key term separation. <i>Journal of the Franklin Institute</i> , 2021 , 358, 5113-5135	4	14
48	Identification of the nonlinear systems based on the kernel functions. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 6917-6933	3.6	0
47	Two-stage Gradient-based Recursive Estimation for Nonlinear Models by Using the Data Filtering. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 2706-2715	2.9	16
46	Estimation of Transfer Function Coefficients for Second-Order Systems via Metaheuristic Algorithms. 2021 , 21,		1

45	Multi-innovation Newton recursive methods for solving the support vector machine regression problems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 7239-7260	3.6	0
44	Hierarchical recursive least squares algorithms for Hammerstein nonlinear autoregressive output-error systems. 2021 , 35, 2276		7
43	Iterative identification methods for a class of bilinear systems by using the particle filtering technique. 2021 , 35, 2056		16
42	A Novel Filtering Based Recursive Estimation Algorithm for Box-Jenkins Systems. <i>International Journal of Control, Automation and Systems</i> , 1	2.9	0
41	Identification of Wiener systems based on the variable forgetting factor multierror stochastic gradient and the key term separation.		2
40	System identification of hammerstein models by using backward shift algorithm. 2022 , 413, 126620		0
39	Partially-coupled nonlinear parameter optimization algorithm for a class of multivariate hybrid models. 2022 , 414, 126663		18
38	Biased compensation recursive least squares-based threshold algorithm for time-delay rational models via redundant rule. <i>Nonlinear Dynamics</i> , 2018 , 91, 797-807	5	24
37	The maximum likelihood least squares based iterative estimation algorithm for bilinear systems with autoregressive moving average noise. <i>Journal of the Franklin Institute</i> , 2017 , 354, 4861-4881	4	54
36	Recursive parameter and state estimation methods for observability canonical state-space models exploiting the hierarchical identification principle. <i>IET Control Theory and Applications</i> , 2019 , 13, 2538-2545	2.5	5
35	Partially-coupled least squares based iterative parameter estimation for multi-variable output-error-like autoregressive moving average systems. <i>IET Control Theory and Applications</i> , 2019 , 13, 3040-3051	2.5	96
34	Recursive parameter estimation and its convergence for bilinear systems. <i>IET Control Theory and Applications</i> , 2020 , 14, 677-688	2.5	47
33	Improved least-squares identification for multiple-output non-linear stochastic systems. <i>IET Control Theory and Applications</i> , 2020 , 14, 964-971	2.5	3
32	Partially-coupled gradient-based iterative algorithms for multivariable output-error-like systems with autoregressive moving average noises. <i>IET Control Theory and Applications</i> , 2020 , 14, 2613-2627	2.5	43
31	Bias compensation-based parameter and state estimation for a class of time-delay non-linear state-space models. <i>IET Control Theory and Applications</i> , 2020 , 14, 2176-2185	2.5	36
30	Recursive coupled projection algorithms for multivariable output-error-like systems with coloured noises. 2020 , 14, 455-466		64
29	Filtering-Based Parameter Identification Methods for Multivariable Stochastic Systems. 2020 , 8, 2254		2
28	Parameter Estimation for Generalized Time-varying System with Moving Average Noise. 2021 ,		

27	Gradient-based and multi-innovation gradient-based iterative algorithms for single-diode photovoltaic cell models. 2021,		
26	Data filtering-based multi-innovation forgetting gradient algorithms for input nonlinear FIR-MA systems with piecewise-linear characteristics. <i>Journal of the Franklin Institute</i> , 2021 , 358, 9818-9818	4	4
25	Sensorless Estimation Based on Neural Networks Trained with the Dynamic Response Points. 2021, 21,		1
24	Modified particle filtering-based robust estimation for a networked control system corrupted by impulsive noise. <i>International Journal of Robust and Nonlinear Control</i> , 2022 , 32, 830	3.6	3
23	Numerical Methodology of Tuning a System to Target Frequencies by Adding Mass.		
22	Multi-innovation gradient estimation algorithms for multivariate equation-error autoregressive moving average systems based on the filtering technique. <i>IET Control Theory and Applications</i> , 2019 , 13, 2086-2094	2.5	1
21	Research on the Development Situation of Industrial Internet of Things Based on Mapping Knowledge Domain. 2020 , 284-293		
20	Diagnostic Methods for the Health Monitoring of Gearboxes. 2020 , 1-43		
19	Hierarchical maximum likelihood generalized extended stochastic gradient algorithms for bilinear-in-parameter systems. <i>Optimal Control Applications and Methods</i> ,	1.7	0
18	Identification of an ARX model with impulse noise using a variable step size information gradient algorithm based on the kurtosis and minimum Renyi error entropy. <i>International Journal of Robust and Nonlinear Control</i> ,	3.6	1
17	Particle filter-based algorithm of simultaneous output and parameter estimation for output nonlinear systems under low measurement rate constraints. <i>Nonlinear Dynamics</i> , 1	5	
16	Parameter estimation for nonlinear Volterra systems by using the multi-innovation identification theory and tensor decomposition. <i>Journal of the Franklin Institute</i> , 2021 , 359, 1782-1782	4	0
15	A novel dynamic nonlinear partial least squares based on the cascade structure. <i>International Journal of Robust and Nonlinear Control</i> ,	3.6	0
14	Intelligent vehicle longitudinal acceleration control method based on feedforward and feedback combination. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 095440702210850	1.4	
13	Research on longitudinal following control of intelligent fleet based on communication delay compensation. 2021,		
12	Gradient Parameter Estimation of a Class of Nonlinear Systems Based on the Maximum Likelihood Principle. <i>International Journal of Control, Automation and Systems</i> , 2022 , 20, 1393-1404	2.9	0
11	Modeling and estimation of dynamics of time-delayed plants/processes. <i>International Journal of Dynamics and Control</i> ,	1.7	
10	Micro-nano Satellite Phasing Maneuver Method under Microthrust Constraint. <i>Journal of Physics: Conference Series</i> , 2022 , 2235, 012106	0.3	

- 9 Closed-form formula for a classical system of matrix equations. **2022**, 29, 257-267
- 8 Solving and Algorithm to System of Quaternion Sylvester-Type Matrix Equations with q -Hermicity. **2022**, 32,
- 7 Hierarchical multi-innovation stochastic gradient identification algorithm for estimating a bilinear state-space model with moving average noise. **2023**, 420, 114794 ○
- 6 A recursive identification algorithm for linear discrete periodic systems. ○
- 5 Analog instrument pointer monitoring and parameter estimation via line scan vision. **2022**, 8, 13076-13082 1
- 4 Research on Identification Algorithm of Cascade Control System. **2022**, 2022, 1-13 ○
- 3 The Filtering Based Maximum Likelihood Recursive Least Squares Parameter Estimation Algorithms for a Class of Nonlinear Stochastic Systems with Colored Noise. ○
- 2 Least squares parameter estimation and multi-innovation least squares methods for linear fitting problems from noisy data. **2023**, 426, 115107 ○
- 1 Highly computationally efficient parameter estimation algorithms for a class of nonlinear multivariable systems by utilizing the state estimates. **2023**, 111, 8477-8496 ○