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276
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43
h-index

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304
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8,133
ext. citations

2.5
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6.82
L-index

#	Paper	IF	Citations
276	On the convergence of an extended state observer for nonlinear systems with uncertainty. <i>Systems and Control Letters</i> , 2011 , 60, 420-430	2.4	461
275	Stability and Stabilization of Infinite Dimensional Systems with Applications. <i>Communications and Control Engineering</i> , 1999 ,	0.6	238
274	On Convergence of the Nonlinear Active Disturbance Rejection Control for MIMO Systems. <i>SIAM Journal on Control and Optimization</i> , 2013 , 51, 1727-1757	1.9	177
273	Nonfragile Exponential Synchronization of Delayed Complex Dynamical Networks With Memory Sampled-Data Control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 118-128	10.3	156
272	The active disturbance rejection and sliding mode control approach to the stabilization of the Euler-Bernoulli beam equation with boundary input disturbance. <i>Automatica</i> , 2013 , 49, 2911-2918	5.7	155
271	Output-feedback stabilization of an unstable wave equation. <i>Automatica</i> , 2008 , 44, 63-74	5.7	150
270	On convergence of tracking differentiator. <i>International Journal of Control</i> , 2011 , 84, 693-701	1.5	142
269	Further Results on Stabilization of Chaotic Systems Based on Fuzzy Memory Sampled-Data Control. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 1040-1045	8.3	130
268	Sliding Mode and Active Disturbance Rejection Control to Stabilization of One-Dimensional Anti-Stable Wave Equations Subject to Disturbance in Boundary Input. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 1269-1274	5.9	130
267	Stability analysis of an HIV/AIDS epidemic model with treatment. <i>Journal of Computational and Applied Mathematics</i> , 2009 , 229, 313-323	2.4	107
266	Riesz Basis Approach to the Stabilization of a Flexible Beam with a Tip Mass. <i>SIAM Journal on Control and Optimization</i> , 2001 , 39, 1736-1747	1.9	106
265	Lyapunov approach to output feedback stabilization for the Euler-Bernoulli beam equation with boundary input disturbance. <i>Automatica</i> , 2015 , 52, 95-102	5.7	103
264	The Active Disturbance Rejection Control to Stabilization for Multi-Dimensional Wave Equation With Boundary Control Matched Disturbance. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 143-157	5.9	97
263	On convergence of non-linear extended state observer for multi-input multi-output systems with uncertainty. <i>IET Control Theory and Applications</i> , 2012 , 6, 2375-2386	2.5	96
262	Output Feedback Stabilization for One-Dimensional Wave Equation Subject to Boundary Disturbance. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 824-830	5.9	92
261	A Novel Extended State Observer for Output Tracking of MIMO Systems With Mismatched Uncertainty. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 211-218	5.9	85
260	Event-Based Reliable Dissipative Filtering for TB Fuzzy Systems With Asynchronous Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 2089-2098	8.3	83

259	Active Disturbance Rejection Control Approach to Output-Feedback Stabilization of a Class of Uncertain Nonlinear Systems Subject to Stochastic Disturbance. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 1613-1618	5.9	83
258	Arbitrary Decay Rate for Euler-Bernoulli Beam by Backstepping Boundary Feedback. <i>IEEE Transactions on Automatic Control</i> , 2009 , 54, 1134-1140	5.9	79
257	Sliding mode control and active disturbance rejection control to the stabilization of one-dimensional Schrödinger equation subject to boundary control matched disturbance. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 2194-2212	3.6	78
256	Dynamic stabilization of an Euler-Bernoulli beam equation with time delay in boundary observation. <i>Automatica</i> , 2009 , 45, 1468-1475	5.7	77
255	A nonlinear extended state observer based on fractional power functions. <i>Automatica</i> , 2017 , 81, 286-296	5.7	75
254	A New Active Disturbance Rejection Control to Output Feedback Stabilization for a One-Dimensional Anti-Stable Wave Equation With Disturbance. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 3774-3787	5.9	71
253	The Stabilization of a One-Dimensional Wave Equation by Boundary Feedback With Noncollocated Observation. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 371-377	5.9	68
252	On active disturbance rejection control for nonlinear systems using time-varying gain. <i>European Journal of Control</i> , 2015 , 23, 62-70	2.5	66
251	Riesz Basis Property and Exponential Stability of Controlled Euler-Bernoulli Beam Equations with Variable Coefficients. <i>SIAM Journal on Control and Optimization</i> , 2002 , 40, 1905-1923	1.9	65
250	Shear force feedback control of a single-link flexible robot with a revolute joint. <i>IEEE Transactions on Automatic Control</i> , 1997 , 42, 53-65	5.9	64
249	Control of a Tip-Force Destabilized Shear Beam by Observer-Based Boundary Feedback. <i>SIAM Journal on Control and Optimization</i> , 2008 , 47, 553-574	1.9	64
248	Active disturbance rejection control: Old and new results. <i>Annual Reviews in Control</i> , 2017 , 44, 238-248	10.3	63
247	Controllability and stability of a second-order hyperbolic system with collocated sensor/actuator. <i>Systems and Control Letters</i> , 2002 , 46, 45-65	2.4	60
246	Boundary Controllers and Observers for the Linearized Schrödinger Equation. <i>SIAM Journal on Control and Optimization</i> , 2011 , 49, 1479-1497	1.9	58
245	Extended state observer for uncertain lower triangular nonlinear systems. <i>Systems and Control Letters</i> , 2015 , 85, 100-108	2.4	57
244	Parameter Estimation and Non-Collocated Adaptive Stabilization for a Wave Equation Subject to General Boundary Harmonic Disturbance. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 1631-1643	5.9	57
243	Riesz Basis Property of Evolution Equations in Hilbert Spaces and Application to a Coupled String Equation. <i>SIAM Journal on Control and Optimization</i> , 2003 , 42, 966-984	1.9	57
242	Optimal birth control of population dynamics. <i>Journal of Mathematical Analysis and Applications</i> , 1989 , 144, 532-52	1.1	57

241	. <i>IEEE Transactions on Automation Science and Engineering</i> , 1995 , 11, 760-765		54
240	Output tracking for a class of nonlinear systems with mismatched uncertainties by active disturbance rejection control. <i>Systems and Control Letters</i> , 2017 , 100, 21-31	2.4	53
239	Weak Convergence of Nonlinear High-Gain Tracking Differentiator. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 1074-1080	5.9	53
238	On Convergence of Nonlinear Active Disturbance Rejection Control for SISO Nonlinear Systems. <i>Journal of Dynamical and Control Systems</i> , 2016 , 22, 385-412	1.1	51
237	2016 ,		51
236	Wave Equation Stabilization by Delays Equal to Even Multiples of the Wave Propagation Time. <i>SIAM Journal on Control and Optimization</i> , 2011 , 49, 517-554	1.9	43
235	The strong stabilization of a one-dimensional wave equation by non-collocated dynamic boundary feedback control. <i>Automatica</i> , 2009 , 45, 790-797	5.7	43
234	Regularity of a Schrödinger equation with Dirichlet control and colocated observation. <i>Systems and Control Letters</i> , 2005 , 54, 1135-1142	2.4	43
233	Performance output tracking for a wave equation subject to unmatched general boundary harmonic disturbance. <i>Automatica</i> , 2016 , 68, 194-202	5.7	42
232	Results on stability of linear systems with time varying delay. <i>IET Control Theory and Applications</i> , 2017 , 11, 129-134	2.5	42
231	Stabilization and regulator design for a one-dimensional unstable wave equation with input harmonic disturbance. <i>International Journal of Robust and Nonlinear Control</i> , 2013 , 23, 514-533	3.6	40
230	Performance output tracking for one-dimensional wave equation subject to unmatched general disturbance and non-collocated control. <i>European Journal of Control</i> , 2018 , 39, 39-52	2.5	39
229	The Regularity of the Wave Equation with Partial Dirichlet Control and Colocated Observation. <i>SIAM Journal on Control and Optimization</i> , 2005 , 44, 1598-1613	1.9	39
228	Optimal birth control of population dynamics. II. Problems with free final time, phase constraints, and mini-max costs. <i>Journal of Mathematical Analysis and Applications</i> , 1990 , 146, 523-39	1.1	38
227	Boundary Feedback Stabilization for an Unstable Time Fractional Reaction Diffusion Equation. <i>SIAM Journal on Control and Optimization</i> , 2018 , 56, 75-101	1.9	37
226	Non-fragile H _∞ filtering for delayed Takagi-Sugeno fuzzy systems with randomly occurring gain variations. <i>Fuzzy Sets and Systems</i> , 2017 , 316, 99-116	3.7	36
225	Output feedback stabilization of a one-dimensional wave equation with an arbitrary time delay in boundary observation. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2012 , 18, 22-35	1	35
224	On the Boundary Control of a Hybrid System with Variable Coefficients. <i>Journal of Optimization Theory and Applications</i> , 2002 , 114, 373-395	1.6	34

223	Event-triggered dissipative synchronization for Markovian jump neural networks with general transition probabilities. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 3893-3908	3.6	34
222	New unknown input observer and output feedback stabilization for uncertain heat equation. <i>Automatica</i> , 2017 , 86, 1-10	5.7	33
221	Lyapunov approach to the boundary stabilisation of a beam equation with boundary disturbance. <i>International Journal of Control</i> , 2014 , 87, 925-939	1.5	33
220	On the \mathcal{L}_2 -semigroup generation and exponential stability resulting from a shear force feedback on a rotating beam. <i>Systems and Control Letters</i> , 2005 , 54, 557-574	2.4	33
219	Dynamic stabilization of an Euler-Bernoulli beam under boundary control and non-collocated observation. <i>Systems and Control Letters</i> , 2008 , 57, 740-749	2.4	32
218	The active disturbance rejection control approach to stabilisation of coupled heat and ODE system subject to boundary control matched disturbance. <i>International Journal of Control</i> , 2015 , 88, 1554-1564	1.5	31
217	. <i>IEEE Transactions on Automatic Control</i> , 1995 , 40, 747-751	5.9	31
216	Performance boundary output tracking for one-dimensional heat equation with boundary unmatched disturbance. <i>Automatica</i> , 2018 , 96, 1-10	5.7	30
215	Stabilization of Euler-Bernoulli Beam Equation with Boundary Moment Control and Disturbance by Active Disturbance Rejection Control and Sliding Mode Control Approaches. <i>Journal of Dynamical and Control Systems</i> , 2014 , 20, 539-558	1.1	30
214	Active disturbance rejection control: Theoretical perspectives. <i>Communications in Information and Systems</i> , 2015 , 15, 361-421	0.8	29
213	Adaptive Output Feedback Stabilization for One-Dimensional Wave Equation with Corrupted Observation by Harmonic Disturbance. <i>SIAM Journal on Control and Optimization</i> , 2013 , 51, 1679-1706	1.9	28
212	Parameter estimation and stabilization for a wave equation with boundary output harmonic disturbance and non-collocated control. <i>International Journal of Robust and Nonlinear Control</i> , 2011 , 21, 1297-1321	3.6	28
211	Adaptive stabilization for a Kirchhoff-type nonlinear beam under boundary output feedback control. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2007 , 66, 427-441	1.3	28
210	Expansion of solution in terms of generalized eigenfunctions for a hyperbolic system with static boundary condition. <i>Journal of Functional Analysis</i> , 2006 , 231, 245-268	1.4	28
209	Active Disturbance Rejection Control for Rejecting Boundary Disturbance from Multidimensional Kirchhoff Plate via Boundary Control. <i>SIAM Journal on Control and Optimization</i> , 2014 , 52, 2800-2830	1.9	26
208	On exponential stability of a semilinear wave equation with variable coefficients under the nonlinear boundary feedback. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009 , 71, 5961-5978	1.3	26
207	Numerical solution to the optimal feedback control of continuous casting process. <i>Journal of Global Optimization</i> , 2007 , 39, 171-195	1.5	26
206	Linear tracking-differentiator and application to online estimation of the frequency of a sinusoidal signal with random noise perturbation. <i>International Journal of Systems Science</i> , 2002 , 33, 351-358	2.3	26

205	On the stability of swelling porous elastic soils with fluid saturation by one internal damping. <i>IMA Journal of Applied Mathematics</i> , 2006 , 71, 565-582	1	25
204	Regularity of an Euler-Bernoulli Equation with Neumann Control and Collocated Observation. <i>Journal of Dynamical and Control Systems</i> , 2006 , 12, 405-418	1.1	24
203	Backstepping approach to the arbitrary decay rate for Euler-Bernoulli beam under boundary feedback. <i>International Journal of Control</i> , 2010 , 83, 2098-2106	1.5	23
202	Identification of variable spacial coefficients for a beam equation from boundary measurements. <i>Automatica</i> , 2007 , 43, 732-737	5.7	23
201	Active disturbance rejection control approach to stabilization of lower triangular systems with uncertainty. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 2314-2337	3.6	23
200	Unknown input observer design and output feedback stabilization for multi-dimensional wave equation with boundary control matched uncertainty. <i>Journal of Differential Equations</i> , 2017 , 263, 2213-2246	2.1	22
199	Output feedback stabilization of an unstable wave equation with general corrupted boundary observation. <i>Automatica</i> , 2014 , 50, 3164-3172	5.7	22
198	The Lyapunov approach to boundary stabilization of an anti-stable one-dimensional wave equation with boundary disturbance. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 54-69	3.6	22
197	Output feedback stabilisation for a cascaded wave PDE-ODE system subject to boundary control matched disturbance. <i>International Journal of Control</i> , 2016 , 89, 2396-2405	1.5	21
196	On convergence of nonlinear active disturbance rejection for SISO systems 2012 ,		21
195	Non-fragile H _∞ filtering for nonlinear discrete-time delay systems with randomly occurring gain variations. <i>ISA Transactions</i> , 2016 , 63, 196-203	5.5	21
194	Riesz basis and stabilization for the flexible structure of a symmetric tree-shaped beam network. <i>Mathematical Methods in the Applied Sciences</i> , 2008 , 31, 289-314	2.3	20
193	Free and Forced Vibration of an Axially Moving String With an Arbitrary Velocity Profile. <i>Journal of Applied Mechanics, Transactions ASME</i> , 1998 , 65, 901-907	2.7	20
192	Mittag-Leffler stabilization for an unstable time-fractional anomalous diffusion equation with boundary control matched disturbance. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 4384-4401	3.6	19
191	. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 1226-1232	5.9	19
190	On dynamic behavior of a hyperbolic system derived from a thermoelastic equation with memory type. <i>Journal of the Franklin Institute</i> , 2007 , 344, 75-96	4	19
189	A Sufficient Condition on Riesz Basis with Parentheses of Non-Self-Adjoint Operator and Application to a Serially Connected String System under Joint Feedbacks. <i>SIAM Journal on Control and Optimization</i> , 2004 , 43, 1234-1252	1.9	19
188	Riesz basis generation, eigenvalues distribution, and exponential stability for a euler-bernoulli beam with joint feedback control. <i>Revista Matematica Complutense</i> , 2001 , 14, 205	0.8	19

187	Observer Design and Exponential Stabilization for Wave Equation in Energy Space by Boundary Displacement Measurement Only. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 1438-1444	5.9	18
186	Approximate decoupling and output tracking for MIMO nonlinear systems with mismatched uncertainties via ADRC approach. <i>Journal of the Franklin Institute</i> , 2018 , 355, 3873-3894	4	18
185	On the Semigroup for Age Dependent Population Dynamics with Spatial Diffusion. <i>Journal of Mathematical Analysis and Applications</i> , 1994 , 184, 190-199	1.1	18
184	A state dependent pulse control strategy for a SIRS epidemic system. <i>Bulletin of Mathematical Biology</i> , 2013 , 75, 1697-715	2.1	17
183	Dynamic behavior of a heat equation with memory. <i>Mathematical Methods in the Applied Sciences</i> , 2009 , 32, 1287-1310	2.3	17
182	Arbitrary decay rate for two connected strings with joint anti-damping by boundary output feedback. <i>Automatica</i> , 2010 , 46, 1203-1209	5.7	17
181	On the Relation between Stability of Continuous- and Discrete-Time Evolution Equations via the Cayley Transform. <i>Integral Equations and Operator Theory</i> , 2006 , 54, 349-383	0.5	17
180	Riesz Basis Generation of Abstract Second-Order Partial Differential Equation Systems with General Non-Separated Boundary Conditions. <i>Numerical Functional Analysis and Optimization</i> , 2006 , 27, 291-328	1	17
179	Initial-boundary value problem and exponential decay for a flexible-beam vibration with gain adaptive direct strain feedback control. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1996 , 27, 353-365	1.3	17
178	Global behaviour of age-dependent logistic population models. <i>Journal of Mathematical Biology</i> , 1990 , 28, 225-35	2	17
177	Stabilisation of unstable cascaded heat partial differential equation system subject to boundary disturbance. <i>IET Control Theory and Applications</i> , 2016 , 10, 1027-1039	2.5	16
176	ON THE ENERGY DECAY OF TWO COUPLED STRINGS THROUGH A JOINT DAMPER. <i>Journal of Sound and Vibration</i> , 1997 , 203, 447-455	3.9	16
175	On convergence of active disturbance rejection control for a class of uncertain stochastic nonlinear systems. <i>International Journal of Control</i> , 2019 , 92, 1103-1116	1.5	16
174	Well-Posedness and Exact Controllability of Fourth Order Schrödinger Equation with Boundary Control and Collocated Observation. <i>SIAM Journal on Control and Optimization</i> , 2014 , 52, 365-396	1.9	15
173	Parameter estimation and stabilisation for a one-dimensional wave equation with boundary output constant disturbance and non-collocated control. <i>International Journal of Control</i> , 2011 , 84, 381-395	1.5	15
172	Spectral analysis of a wave equation with Kelvin-Voigt damping. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2010 , 90, 323-342	1	15
171	Boundary feedback stabilization of a three-layer sandwich beam: Riesz basis approach. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2006 , 12, 12-34	1	15
170	Review and new theoretical perspectives on active disturbance rejection control for uncertain finite-dimensional and infinite-dimensional systems. <i>Nonlinear Dynamics</i> , 2020 , 101, 935-959	5	15

169	Robust error based non-collocated output tracking control for a heat equation. <i>Automatica</i> , 2020 , 114, 108818	5.7	14
168	Stabilization of the Euler-Bernoulli equation via boundary connection with heat equation. <i>Mathematics of Control, Signals, and Systems</i> , 2014 , 26, 77-118	1.3	14
167	Blow-up and global existence for nonlinear parabolic equations with Neumann boundary conditions. <i>Computers and Mathematics With Applications</i> , 2010 , 60, 670-679	2.7	14
166	Boundary Controllability and Observability of a One-Dimensional Nonuniform SCOLE System. <i>Journal of Optimization Theory and Applications</i> , 2005 , 127, 89-108	1.6	14
165	Active disturbance rejection control approach to output-feedback stabilization of lower triangular nonlinear systems with stochastic uncertainty. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 2773-2797	3.6	13
164	Control of Wave and Beam PDEs. <i>Communications and Control Engineering</i> , 2019 ,	0.6	13
163	Analyticity and Dynamic Behavior of a Damped Three-Layer Sandwich Beam. <i>Journal of Optimization Theory and Applications</i> , 2008 , 137, 675-689	1.6	13
162	A note for the global stability of a delay differential equation of hepatitis B virus infection. <i>Mathematical Biosciences and Engineering</i> , 2011 , 8, 689-94	2.1	13
161	Convergence of an Upwind Finite-Difference Scheme for Hamilton-Jacobi-Bellman Equation in Optimal Control. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 3012-3017	5.9	12
160	Boundary output tracking for an Euler-Bernoulli beam equation with unmatched perturbations from a known exosystem. <i>Automatica</i> , 2019 , 109, 108507	5.7	12
159	Global stability for a delayed HIV-1 infection model with nonlinear incidence of infection. <i>Applied Mathematics and Computation</i> , 2012 , 219, 617-623	2.7	12
158	Well-posedness and regularity of Naghdi's shell equation under boundary control and observation. <i>Journal of Differential Equations</i> , 2010 , 249, 3174-3214	2.1	12
157	Asymptotic Behavior of the Eigenfrequency of a One-Dimensional Linear Thermoelastic System. <i>Journal of Mathematical Analysis and Applications</i> , 1997 , 213, 406-421	1.1	12
156	On the well-posedness and regularity of the wave equation with variable coefficients. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2007 , 13, 776-792	1	12
155	On the spectrum-determined growth condition of a vibration cable with a tip mass. <i>IEEE Transactions on Automatic Control</i> , 2000 , 45, 89-93	5.9	12
154	Parameter estimation and stabilization for one-dimensional Schrödinger equation with boundary output constant disturbance and non-collocated control. <i>Journal of the Franklin Institute</i> , 2015 , 352, 2047-2064 ¹¹	4	11
153	On Spectrum and Riesz basis property for one-dimensional wave equation with Boltzmann damping. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2012 , 18, 889-913	1	11
152	Boundary Output Feedback Stabilization of A One-Dimensional Wave Equation System With Time Delay. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 8755-8760		11

151	Riesz bases and exact controllability of C_0 -groups with one-dimensional input operators. <i>Systems and Control Letters</i> , 2004 , 52, 221-232	2.4	11
150	Numerical solution to the optimal birth feedback control of a population dynamics: viscosity solution approach. <i>Optimal Control Applications and Methods</i> , 2005 , 26, 229-254	1.7	11
149	. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 1841-1854	5.9	11
148	Active disturbance rejection control to MIMO nonlinear systems with stochastic uncertainties: approximate decoupling and output-feedback stabilisation. <i>International Journal of Control</i> , 2020 , 93, 1408-1427	1.5	11
147	Optimal actuator location for time and norm optimal control of null controllable heat equation. <i>Mathematics of Control, Signals, and Systems</i> , 2015 , 27, 23-48	1.3	10
146	Global existence and blow-up solutions for quasilinear reaction-diffusion equations with a gradient term. <i>Applied Mathematics Letters</i> , 2011 , 24, 936-942	3.5	10
145	Feedthrough Operator for Linear Elasticity System with Boundary Control and Observation. <i>SIAM Journal on Control and Optimization</i> , 2010 , 48, 3708-3734	1.9	10
144	Well-posedness and regularity of weakly coupled wave-plate equation with boundary control and observation. <i>Journal of Dynamical and Control Systems</i> , 2009 , 15, 331-358	1.1	10
143	Stabilization of an abstract second order system with application to wave equations under non-collocated control and observations. <i>Systems and Control Letters</i> , 2009 , 58, 334-341	2.4	10
142	Well-Posedness of Systems of Linear Elasticity with Dirichlet Boundary Control and Observation. <i>SIAM Journal on Control and Optimization</i> , 2009 , 48, 2139-2167	1.9	10
141	A linear tracking-differentiator and application to the online estimation of the frequency of a sinusoidal signal 2000 ,		10
140	Stability analysis of a hybrid system arising from feedback control of flexible robots. <i>Japan Journal of Industrial and Applied Mathematics</i> , 1996 , 13, 417-434	0.6	10
139	Stabilization of ODE with hyperbolic equation actuator subject to boundary control matched disturbance. <i>International Journal of Control</i> , 2019 , 92, 12-26	1.5	10
138	On Stability Equivalence between Dynamic Output Feedback and Static Output Feedback for a Class of Second Order Infinite-Dimensional Systems. <i>SIAM Journal on Control and Optimization</i> , 2015 , 53, 1934-1955	1.9	9
137	Distributed disturbance estimator and application to stabilization for multi-dimensional wave equation with corrupted boundary observation. <i>Automatica</i> , 2016 , 66, 25-33	5.7	9
136	Asymptotic Distribution of Eigenvalues of a Constrained Translating String. <i>Journal of Applied Mechanics, Transactions ASME</i> , 1997 , 64, 613-619	2.7	9
135	A Hybrid Symbolic-Numerical Simulation Method for Some Typical Boundary Control Problems. <i>Simulation</i> , 2004 , 80, 635-643	1.2	9
134	Stabilization and parameter estimation for an Euler-Bernoulli beam equation with uncertain harmonic disturbance under boundary output feedback control. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2005 , 61, 671-693	1.3	9

133	Riesz basis property of a second-order hyperbolic system with collocated scalar input-output. <i>IEEE Transactions on Automatic Control</i> , 2002 , 47, 693-698	5.9	9
132	Simultaneous identification of diffusion coefficient, spacewise dependent source and initial value for one-dimensional heat equation. <i>Mathematical Methods in the Applied Sciences</i> , 2017 , 40, 3552-3565	2.3	8
131	On well-posedness, regularity and exact controllability for problems of transmission of plate equation with variable coefficients. <i>Quarterly of Applied Mathematics</i> , 2007 , 65, 705-736	0.7	8
130	Well-posedness and regularity for an EulerBernoulli plate with variable coefficients and boundary control and observation. <i>Mathematics of Control, Signals, and Systems</i> , 2007 , 19, 337-360	1.3	8
129	Tracking control of a flexible beam by nonlinear boundary feedback. <i>Journal of Applied Mathematics and Stochastic Analysis</i> , 1995 , 8, 47-58		8
128	Active Disturbance Rejection Control: from ODEs to PDEs**This work was carried out with the support of the National Natural Science Foundation of China and the National Research Foundation of South Africa.. <i>IFAC-PapersOnLine</i> , 2016 , 49, 278-283	0.7	8
127	. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 1940-1955	5.9	8
126	Output feedback stabilization for multi-dimensional Kirchhoff plate with general corrupted boundary observation. <i>European Journal of Control</i> , 2016 , 28, 38-48	2.5	7
125	Extended State Observer for Nonlinear Systems with Uncertainty. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 1855-1860		7
124	Correction to Output Feedback Stabilization of a One-Dimensional Schrödinger Equation by Boundary Observation with Time Delay [May 10 1226-1232]. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 2676-2676	5.9	7
123	Blow-up and global solutions for quasilinear parabolic equations with Neumann boundary conditions. <i>Applicable Analysis</i> , 2009 , 88, 183-191	0.8	7
122	On the spectrum of EulerBernoulli beam equation with KelvinVoigt damping. <i>Journal of Mathematical Analysis and Applications</i> , 2011 , 374, 210-229	1.1	7
121	Approximation of optimal feedback control: a dynamic programming approach. <i>Journal of Global Optimization</i> , 2010 , 46, 395-422	1.5	7
120	Boundary controllers and observers for Schrödinger equation 2007 ,		7
119	Remarks on the application of the Keldysh theorem to the completeness of root subspace of non-self-adjoint operators and comments on Spectral operators generated by Timoshenko beam model [Systems and Control Letters, 2006 , 55, 1029-1032	2.4	7
118	Differentiability of the C_0 -semigroup and Failure of Riesz Basis for a Mono-tubular Heat Exchanger Equation with Output Feedback: A Case Study. <i>Semigroup Forum</i> , 2004 , 69, 462	0.5	7
117	On the exponential stability of C_0 -semigroups on Banach spaces with compact perturbations. <i>Semigroup Forum</i> , 1999 , 59, 190-196	0.5	7
116	Extended state observer for MIMO nonlinear systems with stochastic uncertainties. <i>International Journal of Control</i> , 2020 , 93, 424-436	1.5	7

115	Observers and observability for uncertain nonlinear systems: A necessary and sufficient condition. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 2960-2977	3.6	6
114	Active Disturbance Rejection Control for a 2D Hyperbolic System with an Input Disturbance. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 11385-11390		6
113	Stabilization of an Elastic Plate with Viscoelastic Boundary Conditions. <i>Journal of Optimization Theory and Applications</i> , 2004 , 122, 669-690	1.6	6
112	Riesz Basis Approach to the Tracking Control of a Flexible Beam with a Tip Rigid Body without Dissipativity. <i>Optimization Methods and Software</i> , 2002 , 17, 655-681	1.3	6
111	Stabilization of a Translating Tensioned Beam Through a Pointwise Control Force. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2000 , 122, 322-331	1.6	6
110	Performance boundary output tracking for a wave equation with control unmatched disturbance. <i>European Journal of Control</i> , 2019 , 50, 30-40	2.5	5
109	Numerical solution to optimal feedback control by dynamic programming approach: A local approximation algorithm. <i>Journal of Systems Science and Complexity</i> , 2017 , 30, 782-802	1	5
108	Local null controllability for a chemotaxis system of parabolic-elliptic type. <i>Systems and Control Letters</i> , 2014 , 65, 106-111	2.4	5
107	Some Compact Classes of Open Sets under Hausdorff Distance and Application to Shape Optimization. <i>SIAM Journal on Control and Optimization</i> , 2012 , 50, 222-242	1.9	5
106	Analyticity of a thermoelastic plate with variable coefficients. <i>Journal of Mathematical Analysis and Applications</i> , 2009 , 354, 330-338	1.1	5
105	On harmonic disturbance rejection of an undamped Euler-Bernoulli beam with rigid tip body. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2004 , 10, 615-623	1	5
104	On Spectrum of a General Petrovsky Type Equation and Riesz Basis of N-Connected Beams with Linear Feedback at Joints. <i>Journal of Dynamical and Control Systems</i> , 2004 , 10, 187-211	1.1	5
103	Basis Property of a Rayleigh Beam with Boundary Stabilization. <i>Journal of Optimization Theory and Applications</i> , 2002 , 112, 529-547	1.6	5
102	Pointwise Stabilization for a Chain of Coupled Vibrating Strings. <i>IMA Journal of Mathematical Control and Information</i> , 1990 , 7, 307-315	1.1	5
101	Output Feedback Stabilization for a Class of First-Order Equation Setting of Collocated Well-Posed Linear Systems With Time Delay in Observation. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 2612-2618	5.9	5
100	A New Semidiscretized Order Reduction Finite Difference Scheme for Uniform Approximation of One-Dimensional Wave Equation. <i>SIAM Journal on Control and Optimization</i> , 2020 , 58, 2256-2287	1.9	5
99	Absolute boundary stabilization for an axially moving Kirchhoff beam. <i>Automatica</i> , 2021 , 129, 109667	5.7	5
98	Quasi-compactness and irreducibility of queueing models. <i>Semigroup Forum</i> , 2015 , 91, 560-572	0.5	4

97	On Convergence of Boundary Hausdorff Measure and Application to a Boundary Shape Optimization Problem. <i>SIAM Journal on Control and Optimization</i> , 2013 , 51, 253-272	1.9	4
96	On the dynamic behavior and stability of controlled connected Rayleigh beams under pointwise output feedback. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2008 , 14, 632-656	1	4
95	A new algorithm for finding numerical solutions of optimal feedback control. <i>IMA Journal of Mathematical Control and Information</i> , 2008 , 26, 95-104	1.1	4
94	The well-posedness and stability of a beam equation with conjugate variables assigned at the same boundary point. <i>IEEE Transactions on Automatic Control</i> , 2005 , 50, 2087-2093	5.9	4
93	On the exponential stability of an initial-boundary equation arising from strain feedback control of flexible robot arms with rigid offset. <i>International Journal of Control</i> , 1998 , 69, 227-238	1.5	4
92	The first real eigenvalue of a one-dimensional linear thermoelastic system. <i>Computers and Mathematics With Applications</i> , 1999 , 38, 249-256	2.7	4
91	Controlled age-dependent population dynamics based on parity progression. <i>Journal of Mathematical Analysis and Applications</i> , 1992 , 166, 442-455	1.1	4
90	A high gain free extended state observer to output feedback stabilization of one-dimensional unstable wave equation 2016 ,		4
89	Optimal actuator location of minimum norm controls for heat equation with general controlled domain. <i>Journal of Differential Equations</i> , 2016 , 261, 3588-3614	2.1	3
88	Stabilization for infinite-dimensional linear systems with bounded control and time delayed observation. <i>Systems and Control Letters</i> , 2019 , 134, 104532	2.4	3
87	The Existence of Optimal Solution for a Shape Optimization Problem on Starlike Domain. <i>Journal of Optimization Theory and Applications</i> , 2012 , 152, 21-30	1.6	3
86	On nodal line of the second eigenfunction of the Laplacian over concave domains in R^2 . <i>Journal of Systems Science and Complexity</i> , 2013 , 26, 483-488	1	3
85	Disturbance estimator based output feedback stabilizing control for an Euler-Bernoulli beam equation with boundary uncertainty 2017 ,		3
84	A new extended state observer for output tracking of nonlinear MIMO systems 2017 ,		3
83	2015 ,		3
82	An algorithm for determination of age-specific fertility rate from initial age structure and total population. <i>Journal of Systems Science and Complexity</i> , 2012 , 25, 833-844	1	3
81	Blow-up solution of nonlinear reaction-diffusion equations under boundary feedback. <i>Journal of Dynamical and Control Systems</i> , 2011 , 17, 273-290	1.1	3
80	Well-posedness and regularity for non-uniform Schrödinger and Euler-Bernoulli equations with boundary control and observation. <i>Quarterly of Applied Mathematics</i> , 2012 , 70, 111-132	0.7	3

79	Stability analysis for an Euler-Bernoulli beam under local internal control and boundary observation. <i>Journal of Control Theory and Applications</i> , 2008 , 6, 341-350		3
78	NEW RESULTS ON THE EXPONENTIAL STABILITY OF NON-STATIONARY POPULATION DYNAMICS. <i>Acta Mathematica Scientia</i> , 1996 , 16, 330-337	0.7	3
77	Fuzzy Observer for 2-D Parabolic Equation With Output Time Delay. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	3
76	Output feedback stabilization for one-dimensional heat equation with general external disturbance 2016 ,		3
75	Backstepping Active Disturbance Rejection Control for Lower Triangular Nonlinear Systems With Mismatched Stochastic Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-15	7.3	3
74	Continuous dependence of optimal control to controlled domain of actuator for heat equation. <i>Systems and Control Letters</i> , 2015 , 79, 30-38	2.4	2
73	Well-posedness and exact controllability of fourth-order Schrödinger equation with hinged boundary control and collocated observation. <i>Mathematics of Control, Signals, and Systems</i> , 2016 , 28, 1	1.3	2
72	The Tracking Differentiator (TD) 2016 , 53-91		2
71	Extended State Observer 2016 , 93-154		2
70	A novel semi-discrete scheme preserving uniformly exponential stability for an Euler-Bernoulli beam. <i>Systems and Control Letters</i> , 2019 , 134, 104518	2.4	2
69	Well-posedness and regularity of Euler-Bernoulli equation with variable coefficient and Dirichlet boundary control and collocated observation. <i>Mathematical Methods in the Applied Sciences</i> , 2014 , 37, 2889-2905	2.3	2
68	Dynamic programming approach to the numerical solution of optimal control with paradigm by a mathematical model for drug therapies of HIV/AIDS. <i>Optimization and Engineering</i> , 2014 , 15, 119-136	2.1	2
67	On Hybrid Boundary Control of Flexible Systems. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 1997 , 119, 836-839	1.6	2
66	Basis property and stabilization of a translating tensioned beam through a pointwise control force. <i>Computers and Mathematics With Applications</i> , 2004 , 47, 1397-1409	2.7	2
65	A semi-discrete approach to modelling and control of the continuous casting process. <i>Steel Research = Archiv für Das Eisenhüttenwesen</i> , 2000 , 71, 220-227		2
64	Asymptotic Behavior of the Energy of Vibration of a Moving String with Varying Lengths. <i>JVC/Journal of Vibration and Control</i> , 2000 , 6, 491-507	2	2
63	Age-dependent population dynamics based on parity interval progression. <i>Mathematical and Computer Modelling</i> , 1992 , 16, 57-68		2
62	Robust Output Tracking for an Euler-Bernoulli Beam with Boundary Displacement Error Measurement Only 2020 ,		2

61	2020,			2
60	Robust output regulation of 1-d wave equation. <i>IFAC Journal of Systems and Control</i> , 2021 , 16, 100140	0.9		2
59	Mixed H ₂ /H _∞ control for linear infinite-dimensional systems. <i>International Journal of Control, Automation and Systems</i> , 2016 , 14, 128-139	2.9		2
58	Extended state observer for uncertain lower triangular nonlinear systems subject to stochastic disturbance. <i>Control Theory and Technology</i> , 2016 , 14, 179-188	1		2
57	Riesz Basis Generation: Dual-Basis Approach. <i>Communications and Control Engineering</i> , 2019 , 313-438	0.6		1
56	A semi-discrete finite difference method to uniform stabilization of wave equation with local viscosity. <i>IFAC Journal of Systems and Control</i> , 2020 , 13, 100100	0.9		1
55	On optimal location of diffusion and related optimal control for null controllable heat equation. <i>Journal of Mathematical Analysis and Applications</i> , 2016 , 433, 1333-1349	1.1		1
54	Stability of optimal control of heat equation with singular potential. <i>Systems and Control Letters</i> , 2014 , 74, 18-23	2.4		1
53	The Stabilization of Multi-Dimensional Wave Equation with Boundary Control Matched Disturbance. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 11363-11368			1
52	Comments on Stabilization of a class of nonlinear systems with actuator saturation via active disturbance rejection control [Automatica 63 (2016) 302-310]. <i>Automatica</i> , 2017 , 83, 398	5.7		1
51	Lyapunov approach to boundary stabilization of an anti-stable heat equation with boundary disturbance 2014,			1
50	2013,			1
49	Stabilization of Multidimensional Wave Equations under Non-Collocated Controls and Observations. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 11328-11333			1
48	A New Algorithm for Finding Numerical Solutions of Optimal Feedback Control Law 2006,			1
47	Observer Based Boundary Control of an Unstable Wave Equation. <i>Proceedings of the American Control Conference</i> , 2007,	1.2		1
46	A New Approach to the Stabilization of a Rayleigh Beam Using Collocated Control and Observation 2006,			1
45	A new boundary control method for beam equation with delayed boundary measurement using modified Smith predictors			1
44	A hybrid symbolic-numerical simulation method for some typical boundary control problems 2004,			1

43	Semigroup approach to the stability of a direct strain feedback control system of elastic vibration with structure damping. <i>Applied Mathematics Letters</i> , 1994 , 7, 95-100	3.5	1
42	A time-dependent McKendrick population model for logistic transition. <i>Mathematical and Computer Modelling</i> , 1991 , 15, 49-59		1
41	Output regulation for a heat equation with unknown exosystem. <i>Automatica</i> , 2022 , 138, 110159	5.7	1
40	Stability and regularity transmission for coupled beam and wave equations through boundary weak connections. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2020 , 26, 73	1	1
39	Robust output regulation for Timoshenko beam equation with two inputs and two outputs. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 1245-1269	3.6	1
38	Local exact controllability to positive trajectory for parabolic system of chemotaxis. <i>Mathematical Control and Related Fields</i> , 2016 , 6, 143-165	1.5	1
37	Stabilization and regularity transmission of a Schrödinger equation through boundary connections with a Kelvin-Voigt damped beam equation. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2020 , 100, e201900013	1	1
36	Output feedback stabilization for 1-D wave equation with variable coefficients and non-collocated observation. <i>Systems and Control Letters</i> , 2020 , 145, 104780	2.4	1
35	Robust tracking error feedback control for output regulation of Euler-Bernoulli beam equation. <i>Mathematics of Control, Signals, and Systems</i> , 2021 , 33, 707	1.3	1
34	On convergence of nonlinear extended stated observers with switching functions 2016 ,		1
33	Boundary control and observation to inverse coefficient problem for heat equation with unknown source and initial value. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	1
32	Robust Tracking Error Feedback Control for a One-Dimensional Schrodinger Equation. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	1
31	Output regulation for 1-D reaction-diffusion equation with a class of time-varying disturbances from exosystem. <i>Automatica</i> , 2022 , 141, 110274	5.7	1
30	Arbitrary decay for boundary stabilization of Schrödinger equation subject to unknown disturbance by Lyapunov approach. <i>IFAC Journal of Systems and Control</i> , 2019 , 7, 100033	0.9	0
29	Dynamic and static feedback control for second order infinite-dimensional systems. <i>Asian Journal of Control</i> , 2020 , 23, 1431	1.7	0
28	Simultaneous identification of damping coefficient and initial value for PDEs from boundary measurement. <i>International Journal of Control</i> , 2018 , 91, 1508-1521	1.5	0
27	The Active Disturbance Rejection Control 2016 , 155-290		0
26	Order reduction-based uniform approximation of exponential stability for one-dimensional Schrödinger equation. <i>Systems and Control Letters</i> , 2022 , 160, 105136	2.4	0

25	Boundary Stability Criterion for a Nonlinear Axially Moving Beam. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	o
24	Boundary stabilization and disturbance rejection for a time fractional order diffusion-wave equation. <i>IFAC-PapersOnLine</i> , 2020 , 53, 3695-3700	0.7	o
23	Asymptotic stabilization for a wave equation with periodic disturbance. <i>IMA Journal of Mathematical Control and Information</i> , 2020 , 37, 894-917	1.1	o
22	Uniformly semidiscretized approximation for exact observability and controllability of one-dimensional Euler-Bernoulli beam. <i>Systems and Control Letters</i> , 2021 , 156, 105013	2.4	o
21	Fuzzy Control for Nonlinear Fourth-Order Parabolic Equation Subject to Input Delay. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-9	7.3	o
20	The Bang-Bang Property of Time-Varying Optimal Time Control for Null Controllable Heat Equation. <i>Journal of Optimization Theory and Applications</i> , 2019 , 182, 588-605	1.6	
19	Riesz Basis Generation: Comparison Method. <i>Communications and Control Engineering</i> , 2019 , 197-312	0.6	
18	Riesz Basis Generation: Green Function Approach. <i>Communications and Control Engineering</i> , 2019 , 439-504	0.6	
17	Bases in Hilbert Spaces. <i>Communications and Control Engineering</i> , 2019 , 27-195	0.6	
16	Stabilization of Coupled Systems Through Boundary Connection. <i>Communications and Control Engineering</i> , 2019 , 505-592	0.6	
15	Exponential Stability of the Monotubular Heat Exchanger Equation with Time Delay in Boundary Observation. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-8	1.1	
14	Optimal State Estimation for Non-Time Invertible Evolutionary Systems. <i>SIAM Journal on Control and Optimization</i> , 2016 , 54, 2754-2786	1.9	
13	ADRC for Lower Triangular Nonlinear Systems 2016 , 291-339		
12	Boundary control method to identification of elastic modulus of string equation from Neumann-Dirichlet map. <i>Journal of Systems Science and Complexity</i> , 2016 , 29, 1212-1225	1	
11	Output Feedback Stabilization for Multi-Dimensional Wave Equation with Boundary Control Matched Disturbance * *This work was supported by the National Natural Science Foundation of China, the National Research Foundation of South Africa, and the Israel Science Foundation (grant no. 800/14).. <i>IFAC-PapersOnLine</i> , 2017 , 50, 6793-6798	0.7	
10	The Stabilization of One-Dimensional Wave Equation by Delayed Output Feedback. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 12538-12543		
9	Spectral Analysis and Riesz Basis Property for Wave Equation with Boltzmann Damping. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 14374-14379		
8	Stability Analysis for an Euler-Bernoulli Beam under Local Internal Control and Boundary Observation. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 11322-11327		

- 7 Identifiability of Variable Coefficients for Vibrating Systems by Boundary Control and Observation in Finite Time Duration. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2008**, 41, 13396-13401
- 6 High-gain adaptive regulator for a string equation with uncertain harmonic disturbance under boundary output feedback control. *Journal of Control Theory and Applications*, **2003**, 1, 35-42
- 5 Maximum principle for the optimal control of an ablation-transpiration cooling system with free final time and phase constraints. *Journal of Control Theory and Applications*, **2005**, 3, 101-109
- 4 Rothe approximation to an ablation-transpiration cooling control system. *Mathematical and Computer Modelling*, **1993**, 18, 63-74
- 3 Boundary stabilization and disturbance rejection for an unstable time fractional diffusion-wave equation. *ESAIM - Control, Optimisation and Calculus of Variations*, **2022**, 28, 7 1
- 2 Finite dimensional control of multichannel systems. *Journal of Differential Equations*, **2021**, 296, 213-241_{2.1}
- 1 Output tracking for a radiative density optical communication system with unknown disturbance. *IFAC Journal of Systems and Control*, **2021**, 17, 100164 0.9