

Stability and Hopf Bifurcation in a Simplified BAM Neuron

IEEE Transactions on Neural Networks

18, 416-430

DOI: [10.1109/tnn.2006.886358](https://doi.org/10.1109/tnn.2006.886358)

Citation Report

#	ARTICLE	IF	CITATIONS
1	NEW CRITERIA OF ALMOST PERIODIC SOLUTION FOR BAM NEURAL NETWORKS WITH DELAYS AND IMPULSIVE EFFECTS. International Journal of Neural Systems, 2007, 17, 395-406.	3.2	7
2	Parameter identification of dynamical systems from time series. Physical Review E, 2007, 75, 067201.	0.8	108
3	Stability and bifurcation of a class of discrete-time neural networks. Applied Mathematical Modelling, 2007, 31, 2111-2122.	2.2	40
4	A Bidirectional Hetero-Associative Memory for True-Color Patterns. Neural Processing Letters, 2008, 28, 131-153.	2.0	27
5	Impulsive Stabilization of High-Order Hopfield-Type Neural Networks With Time-Varying Delays. IEEE Transactions on Neural Networks, 2008, 19, 71-79.	4.8	73
6	Stability and Hopf Bifurcation of a General Delayed Recurrent Neural Network. IEEE Transactions on Neural Networks, 2008, 19, 845-854.	4.8	79
7	Bifurcation of a class of discrete-time neural networks. , 2008, , .		0
8	A study on Hopf bifurcations for power system stability analysis. , 2008, , .		6
9	Global Exponential Stability of Bidirectional Associative Memory Neural Networks With Time Delays. IEEE Transactions on Neural Networks, 2008, 19, 397-407.	4.8	37
10	Further Results on Delay-Dependent Stability Criteria of Neural Networks With Time-Varying Delays. IEEE Transactions on Neural Networks, 2008, 19, 726-730.	4.8	97
11	A new approach to stability analysis of discrete-time recurrent neural networks with time-varying delay. Neurocomputing, 2009, 72, 2563-2568.	3.5	70
12	Periodic solution to BAM neural network with delays on time scales. Neurocomputing, 2009, 73, 274-282.	3.5	26
13	Stability Switches, Hopf Bifurcations, and Spatio-temporal Patterns in a Delayed Neural Model with Bidirectional Coupling. Journal of Nonlinear Science, 2009, 19, 597-632.	1.0	21
14	Stability and Hopf bifurcation analysis on a two-neuron network with discrete and distributed delays. Chaos, Solitons and Fractals, 2009, 40, 1493-1505.	2.5	26
15	Global asymptotical synchronization of chaotic neural networks by output feedback impulsive control: An LMI approach. Chaos, Solitons and Fractals, 2009, 41, 2293-2300.	2.5	51
16	Stability and Hopf bifurcation analysis on a ring of four neurons with delays. Applied Mathematics and Computation, 2009, 213, 587-599.	1.4	44
17	New Lyapunov-Krasovskii Functionals for Global Asymptotic Stability of Delayed Neural Networks. IEEE Transactions on Neural Networks, 2009, 20, 533-539.	4.8	235
18	Flip Bifurcation of a Class of Discrete-time Neural Networks. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
19	Fold-Hopf bifurcation in a simplified four-neuron BAM (bidirectional associative memory) neural network with two delays. Science China Technological Sciences, 2010, 53, 633-644.	2.0	16
20	Approximate expressions of the bifurcating periodic solutions in a neuron model with delay-dependent parameters by perturbation approach. Cognitive Neurodynamics, 2010, 4, 241-250.	2.3	4
21	Output feedback \hat{a} , \hat{a}^* synchronization for delayed chaotic neural networks. Nonlinear Dynamics, 2010, 59, 319-327.	2.7	33
22	Linear stability and Hopf bifurcation in an exponential RED algorithm model. Nonlinear Dynamics, 2010, 59, 463-475.	2.7	12
23	Stability analysis of discrete-time stochastic neural networks with time-varying delays. Neurocomputing, 2010, 73, 740-748.	3.5	48
24	Frequency domain analysis for bifurcation in a simplified tri-neuron BAM network model with two delays. Neural Networks, 2010, 23, 872-880.	3.3	53
25	Bifurcation of a three-unit neural network. Applied Mathematics and Computation, 2010, 217, 904-917.	1.4	11
26	Computation of Synchronized Periodic Solution in a BAM Network With Two Delays. IEEE Transactions on Neural Networks, 2010, 21, 439-450.	4.8	19
27	Global exponential stability of fuzzy BAM neural networks with time delays. , 2011, , .		0
28	Global existence of periodic solutions in a six-neuron BAM neural network model with discrete delays. Neurocomputing, 2011, 74, 3257-3267.	3.5	22
29	Stability and bifurcation of a Cohen-Grossberg neural network with discrete delays. Applied Mathematics and Computation, 2011, 218, 2850-2862.	1.4	13
30	Stochastic stability and bifurcation analysis on Hopfield neural networks with noise. Expert Systems With Applications, 2011, 38, 10437-10445.	4.4	20
31	Global exponential stability of high-order Hopfield-type neural networks with S-type distributed time delays. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 3319-3325.	1.7	26
32	AN EFFICIENT METHOD FOR STUDYING FOLD-HOPF BIFURCATION IN DELAYED NEURAL NETWORKS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 1393-1406.	0.7	9
33	Bifurcation of a Cohen-Grossberg Neural Network with Discrete Delays. Abstract and Applied Analysis, 2012, 2012, 1-11.	0.3	3
34	LMI-Based Approach for Exponential Robust Stability of High-Order Hopfield Neural Networks with Time-Varying Delays. Journal of Applied Mathematics, 2012, 2012, 1-8.	0.4	3
35	WEAK RESONANT DOUBLE HOPF BIFURCATIONS IN AN INERTIAL FOUR-NEURON MODEL WITH TIME DELAY. International Journal of Neural Systems, 2012, 22, 63-75.	3.2	40
36	STEADY-STATE, HOPF AND STEADY-STATE-HOPF BIFURCATIONS IN DELAY DIFFERENTIAL EQUATIONS WITH APPLICATIONS TO A DAMPED HARMONIC OSCILLATOR WITH DELAY FEEDBACK. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250286.	0.7	12

#	ARTICLE	IF	CITATIONS
37	Nonlinear dynamics and limit cycle bifurcation of a fractional-order three-node recurrent neural network. , 2012, , .		4
38	Qualitative analysis and application of locally coupled neural oscillator network. Neural Computing and Applications, 2012, 21, 1551-1562.	3.2	6
39	Stability switches and multistability coexistence in a delay-coupled neural oscillators system. Journal of Theoretical Biology, 2012, 313, 98-114.	0.8	37
40	Mean square stability of uncertain stochastic BAM neural networks with interval time-varying delays. Cognitive Neurodynamics, 2012, 6, 443-458.	2.3	14
41	Stability Analysis and Hopf-Type Bifurcation of a Fractional Order Hindmarsh-Rose Neuronal Model. Lecture Notes in Computer Science, 2012, , 217-224.	1.0	5
42	Stability and Hopf bifurcation in a three-neuron unidirectional ring with distributed delays. Nonlinear Dynamics, 2012, 69, 357-370.	2.7	10
43	Hopf bifurcation and stability for a neural network model with mixed delays. Applied Mathematics and Computation, 2012, 218, 6748-6761.	1.4	19
44	Stability and Hopf bifurcation analysis of a tri-neuron BAM neural network with distributed delay. Neurocomputing, 2012, 82, 69-83.	3.5	24
45	Exponential stability of reaction-diffusion high-order Markovian jump Hopfield neural networks with time-varying delays. Nonlinear Analysis: Real World Applications, 2012, 13, 1353-1361.	0.9	25
46	Stability and Bifurcation Analysis on a Ring of Five Neurons with Discrete Delays. Journal of Dynamical and Control Systems, 2013, 19, 237-275.	0.4	12
47	Stability and Hopf bifurcation in an unidirectional ring of n neurons with distributed delays. Neurocomputing, 2013, 121, 442-452.	3.5	26
48	Existence and stability analysis of bifurcating periodic solutions in a delayed five-neuron BAM neural network model. Nonlinear Dynamics, 2013, 72, 149-164.	2.7	23
49	Stability switches and double Hopf bifurcation in a two-neural network system with multiple delays. Cognitive Neurodynamics, 2013, 7, 505-521.	2.3	43
50	Hopf Bifurcation of an $(n+1)$ -Neuron Bidirectional Associative Memory Neural Network Model With Delays. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 118-132.	7.2	88
51	Bifurcation analysis of delayed bidirectional associative memory neural networks. , 2013, , .		1
52	Stability and existence of periodic solutions in inertial BAM neural networks with time delay. Neural Computing and Applications, 2013, 23, 1089-1099.	3.2	64
53	A New Result of Periodic Oscillations for a Six-Neuron BAM Neural Network Model. Communications in Computer and Information Science, 2013, , 19-24.	0.4	3
54	Hopf bifurcation and chaos in an inertial neuron system with coupled delay. Science China Technological Sciences, 2013, 56, 2299-2309.	2.0	41

#	ARTICLE	IF	CITATIONS
55	Hopfâ€™Pitchfork bifurcation in a simplified BAM neural network model with multiple delays. Journal of Computational and Applied Mathematics, 2013, 253, 222-234.	1.1	27
56	Frequency domain approach to computational analysis of bifurcation and periodic solution in a two-neuron network model with distributed delays and self-feedbacks. Neurocomputing, 2013, 99, 206-213.	3.5	15
57	Simplified frequency method for stability and bifurcation of delayed neural networks in ring structure. Neurocomputing, 2013, 121, 416-422.	3.5	15
58	Stability criteria for BAM neural networks with leakage delays and probabilistic time-varying delays. Applied Mathematics and Computation, 2013, 219, 9408-9423.	1.4	85
59	On the Nature of Bifurcation in a Ratio-Dependent Predator-Prey Model with Delays. Journal of Applied Mathematics, 2013, 2013, 1-17.	0.4	0
60	Exponential Stability Results of Discrete-Time Stochastic Neural Networks with Time-Varying Delays. Mathematical Problems in Engineering, 2013, 2013, 1-10.	0.6	1
61	Bifurcations in Van der Pol-Like Systems. Mathematical Problems in Engineering, 2013, 2013, 1-8.	0.6	1
62	Stability analysis of high-order Hopfield-type neural networks based on a new impulsive differential inequality. International Journal of Applied Mathematics and Computer Science, 2013, 23, 201-211.	1.5	7
63	Global exponential robust stability of stochastic high-order hopfield neural networks with S-type distributed time delays. , 2014, , .		0
64	Chaos and Hopf Bifurcation Analysis of the Delayed Local Lengyel-Epstein System. Discrete Dynamics in Nature and Society, 2014, 2014, 1-7.	0.5	0
65	Stability and Hopf Bifurcation of an n -Neuron Cohen-Grossberg Neural Network with Time Delays. Journal of Applied Mathematics, 2014, 2014, 1-10.	0.4	1
66	Stability and Bifurcation Analysis of a Modified Epidemic Model for Computer Viruses. Mathematical Problems in Engineering, 2014, 2014, 1-14.	0.6	4
67	Global Exponential Robust Stability of High-Order Hopfield Neural Networks with S-Type Distributed Time Delays. Journal of Applied Mathematics, 2014, 2014, 1-8.	0.4	3
68	Bifurcation Analysis and Spatiotemporal Patterns of Nonlinear Oscillations in a Ring Lattice of Identical Neurons with Delayed Coupling. Abstract and Applied Analysis, 2014, 2014, 1-18.	0.3	1
69	The stability and bifurcation analysis in high dimensional neural networks with discrete and distributed delays. , 2014, , .		1
70	Bifurcation analysis in a class of neural network models with discrete and distributed delays. , 2014, , .		1
71	Turing instability and pattern formation of neural networks with reactionâ€™diffusion terms. Nonlinear Dynamics, 2014, 76, 115-124.	2.7	41
72	Zero singularity of codimension two or three in a four-neuron BAM neural network model with multiple delays. Nonlinear Dynamics, 2014, 77, 1783-1794.	2.7	7

#	ARTICLE	IF	CITATIONS
73	Improved robust stability criteria for bidirectional associative memory neural networks under parameter uncertainties. <i>Neural Computing and Applications</i> , 2014, 25, 1205-1214.	3.2	4
74	Stability and Hopf bifurcation analysis for an energy resource system. <i>Nonlinear Dynamics</i> , 2014, 78, 219-234.	2.7	6
75	Sudoku associative memory. <i>Neural Networks</i> , 2014, 57, 112-127.	3.3	3
76	Stability and Hopf bifurcation of a Goodwin model with four different delays. <i>Neurocomputing</i> , 2015, 165, 144-151.	3.5	7
77	Bifurcation Behavior for an Electronic Neural Network Model with Two Different Delays. <i>Neural Processing Letters</i> , 2015, 42, 541-561.	2.0	14
78	A New Framework for Analysis on Stability and Bifurcation in a Class of Neural Networks With Discrete and Distributed Delays. <i>IEEE Transactions on Cybernetics</i> , 2015, 45, 2224-2236.	6.2	104
79	Hopf bifurcation analysis of a BAM neural network with multiple time delays and diffusion. <i>Applied Mathematics and Computation</i> , 2015, 266, 909-926.	1.4	28
80	Hopf Bifurcation Analysis of Distributed Delay Equations with Applications to Neural Networks. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2015, 25, 1550156.	0.7	4
81	Global exponential stability via inequality technique for inertial BAM neural networks with time delays. <i>Neurocomputing</i> , 2015, 151, 1316-1326.	3.5	106
82	Existence and Uniform Stability Analysis of Fractional-Order Complex-Valued Neural Networks With Time Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015, 26, 84-97.	7.2	248
83	Hopf Bifurcation in a Chaotic Associative Memory. <i>Neurocomputing</i> , 2015, 152, 109-120.	3.5	5
84	Stability and bifurcation analysis of reaction-diffusion neural networks with delays. <i>Neurocomputing</i> , 2015, 147, 280-290.	3.5	41
85	LMI-based global exponential stability of equilibrium point for neutral delayed BAM neural networks with delays in leakage terms via new inequality technique. <i>Neurocomputing</i> , 2016, 199, 103-113.	3.5	28
86	Synchronization of fractional-order complex-valued neural networks with time delay. <i>Neural Networks</i> , 2016, 81, 16-28.	3.3	211
87	Parameterized center manifold for unfolding bifurcations with an eigenvalue +1 in n-dimensional maps. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2016, 39, 495-503.	1.7	0
88	Hopf bifurcation analysis of coupled two-neuron system with discrete and distributed delays. <i>Nonlinear Dynamics</i> , 2016, 85, 1039-1051.	2.7	10
89	Synchronization of fractional-order delayed neural networks with hybrid coupling. <i>Complexity</i> , 2016, 21, 106-112.	0.9	40
90	Dynamics in Four-Neuron Bidirectional Associative Memory Networks with Inertia and Multiple Delays. <i>Cognitive Computation</i> , 2016, 8, 78-104.	3.6	16

#	ARTICLE	IF	CITATIONS
91	A General Complex Dynamical Network With Time-Varying Delays and Its Novel Controlled Synchronization Criteria. IEEE Systems Journal, 2016, 10, 46-52.	2.9	20
92	Dynamical analysis of a delayed six-neuron BAM network. Complexity, 2016, 21, 9-28.	0.9	6
93	Delay-induced bifurcation in a tri-neuron fractional neural network. International Journal of Systems Science, 2016, 47, 3668-3677.	3.7	20
94	Stability and bifurcation analysis of two-neuron network with discrete and distributed delays. Neurocomputing, 2016, 182, 102-110.	3.5	30
95	Stability, bifurcations and synchronization in a delayed neural network model of n -identical neurons. Mathematics and Computers in Simulation, 2016, 121, 12-33.	2.4	11
96	Stability and Hopf bifurcation of a three-layer neural network model with delays. Neurocomputing, 2016, 175, 355-370.	3.5	26
97	Exponential Synchronization of Coupled Stochastic Memristor-Based Neural Networks With Time-Varying Probabilistic Delay Coupling and Impulsive Delay. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 190-201.	7.2	195
98	Global Synchronization of Multiple Recurrent Neural Networks With Time Delays via Impulsive Interactions. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1657-1667.	7.2	69
99	Passivity analysis of delayed reaction-diffusion Cohen-Grossberg neural networks via Hardy-Poincaré inequality. Journal of the Franklin Institute, 2017, 354, 3021-3038.	1.9	32
100	Empirical analysis of bifurcations in the full weights space of a two-neuron DTRNN. Neurocomputing, 2017, 237, 362-374.	3.5	3
101	Bifurcation control in a delayed two-neuron fractional network. International Journal of Control, Automation and Systems, 2017, 15, 1134-1144.	1.6	8
102	Mixed H^∞ and passive projective synchronization for fractional-order memristor-based neural networks with time delays via adaptive sliding mode control. Modern Physics Letters B, 2017, 31, 1750160.	1.0	9
103	Stability switches in a Cohen-Grossberg neural network with multi-delays. International Journal of Biomathematics, 2017, 10, 1750075.	1.5	4
104	Global stability of quaternion-valued neural networks with non-differentiable time-varying delays. Neurocomputing, 2017, 247, 202-212.	3.5	84
105	Global Stability and Bifurcation in Delayed Bidirectional Associative Memory Neural Networks With an Arbitrary Number of Neurons. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2017, 139, .	0.9	5
106	Global asymptotic stability of periodic solutions for inertial delayed BAM neural networks via novel computing method of degree and inequality techniques. Chaos, Solitons and Fractals, 2017, 104, 785-797.	2.5	24
107	Mixed H^∞ and Passive Projective Synchronization for Fractional Order Memristor-Based Neural Networks with Time-Delay and Parameter Uncertainty. Communications in Theoretical Physics, 2017, 68, 483.	1.1	2
108	Stability and Hopf bifurcation analysis of fractional-order complex-valued neural networks with time delays. Advances in Difference Equations, 2017, 2017, .	3.5	34

#	ARTICLE	IF	CITATIONS
109	Mixed H_∞ /Passive Projective Synchronization for Nonidentical Uncertain Fractional-Order Neural Networks Based on Adaptive Sliding Mode Control. Neural Processing Letters, 2018, 47, 443.	2.0	7
110	Global Mittag-Leffler stability analysis of fractional-order impulsive neural networks with one-side Lipschitz condition. Neural Networks, 2017, 94, 67-75.	3.3	33
111	Dynamics and control in an $(n + 2)$ -neuron BAM network with multiple delays. Nonlinear Dynamics, 2017, 87, 313-336.	2.7	11
112	Stability analysis of a complex-valued neural network with both discrete and distributed delays. , 2017, , .		0
113	Stability and Hopf Bifurcation of Fractional-Order Complex-Valued Single Neuron Model with Time Delay. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750209.	0.7	178
114	Finite-time synchronization of delayed neural networks. , 2017, , .		1
115	Stability and Hopf bifurcation of a two-neuron network with discrete and distributed delays. , 2017, , .		0
116	Local and global Hopf bifurcation analysis on simplified bidirectional associative memory neural networks with multiple delays. Mathematics and Computers in Simulation, 2018, 149, 69-90.	2.4	46
117	Global Exponential Stability of Impulsive Fuzzy High-Order BAM Neural Networks With Continuously Distributed Delays. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3682-3700.	7.2	33
118	Stability and Bifurcation Analysis of Cellular Neural Networks with Discrete and Distributed Delays. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2018, 88, 325-337.	0.8	0
119	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml11" display="inline" overflow="scroll" altimg="si11.gif" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle H \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\alpha} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle$ state estimation of stochastic memristor-based neural networks with time-varying delays. Neural Networks, 2018, 99, 79-91.		0
120	Complete Stability Analysis With Respect to Delay for Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4672-4682.	7.2	2
121	New exponential passivity of BAM neural networks with time-varying delays. Neural Computing and Applications, 2018, 29, 1593-1600.	3.2	7
122	Synchronization analysis for coupled static neural networks with stochastic disturbance and interval time-varying delay. Neural Computing and Applications, 2018, 30, 1123-1132.	3.2	4
123	Effects of time delays on stability and Hopf bifurcation in a fractional ring-structured network with arbitrary neurons. Communications in Nonlinear Science and Numerical Simulation, 2018, 57, 1-13.	1.7	71
124	Global Well-Posedness and Dynamical Behavior of Delayed Reaction-Diffusion BAM Neural Networks Driven by Wiener Processes. IEEE Access, 2018, 6, 69265-69278.	2.6	9
125	Bifurcation Analysis and Adaptive Sliding Mode Control of 4D Fractional-order Financial System With Delay. , 2018, , .		0
126	Stability and Hopf bifurcation of three-triangle neural networks with delays. Neurocomputing, 2018, 322, 206-215.	3.5	30

#	ARTICLE	IF	CITATIONS
127	Passivity analysis of coupled inertial neural networks with time-varying delays and impulsive effects. <i>Pramana - Journal of Physics</i> , 2018, 91, 1.	0.9	4
128	Non-convex Multi-species Hopfield Models. <i>Journal of Statistical Physics</i> , 2018, 172, 1247-1269.	0.5	18
129	Time-delay-induced instabilities and Hopf bifurcation analysis in 2-neuron network model with reaction-diffusion term. <i>Neurocomputing</i> , 2018, 313, 306-315.	3.5	9
130	State estimation of fractional-order delayed memristive neural networks. <i>Nonlinear Dynamics</i> , 2018, 94, 1215-1225.	2.7	85
131	Global Synchronization in Finite-time of Fractional-order Complexvalued Delayed Hopfield Neural Networks. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 521-535.	1.6	11
132	Synchronization of random coupling delayed complex networks with random and adaptive coupling strength. <i>Nonlinear Dynamics</i> , 2019, 96, 2393-2412.	2.7	16
133	Bifurcation Analysis for Simplified Five-Neuron Bidirectional Associative Memory Neural Networks with Four Delays. <i>Neural Processing Letters</i> , 2019, 50, 2219-2245.	2.0	15
134	Stability and Hopf bifurcation analysis of a simplified six-neuron tridiagonal two-layer neural network model with delays. <i>Neurocomputing</i> , 2019, 332, 203-214.	3.5	22
135	Bifurcation control in the delayed fractional competitive web-site model with incommensurate-order. <i>International Journal of Machine Learning and Cybernetics</i> , 2019, 10, 173-186.	2.3	7
136	Coexistence of Multiple Stable States and Bursting Oscillations in a 4D Hopfield Neural Network. <i>Circuits, Systems, and Signal Processing</i> , 2020, 39, 3424-3444.	1.2	44
137	Quasi-periodic invariant 2-tori in a delayed BAM neural network. <i>Neurocomputing</i> , 2020, 401, 193-208.	3.5	1
138	Modelling the Effect of Incubation and Latent Periods on the Dynamics of Vector-Borne Plant Viral Diseases. <i>Bulletin of Mathematical Biology</i> , 2020, 82, 94.	0.9	18
139	Dynamics Analysis and Design for a Bidirectional Super-Ring-Shaped Neural Network With n Neurons and Multiple Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 2978-2992.	7.2	14
140	State Estimation for Neural Networks With General Activation Function and Mixed Time-Varying Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 3909-3918.	7.2	78
141	Mathematical analysis of a time-delayed model on brucellosis transmission with disease testing information. <i>International Journal of Biomathematics</i> , 2020, 13, 2050039.	1.5	1
142	Mittag-Leffler stability analysis of multiple equilibrium points in impulsive fractional-order quaternion-valued neural networks. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2020, 21, 234-246.	1.5	16
143	Integrated intelligent computing paradigm for nonlinear multi-singular third-order Emden-Fowler equation. <i>Neural Computing and Applications</i> , 2021, 33, 3417-3436.	3.2	53
144	Large-Scale Neural Networks With Asymmetrical Three-Ring Structure: Stability, Nonlinear Oscillations, and Hopf Bifurcation. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 9893-9904.	6.2	4

#	ARTICLE	IF	CITATIONS
145	Pattern Formation in a Reaction-Diffusion BAM Neural Network With Time Delay: $\langle i \rangle k \langle i \rangle$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 747 To Networks and Learning Systems, 2022, 33, 7266-7276.	7.2	11
146	Cooperator driven oscillation in a time-delayed feedback-evolving game. New Journal of Physics, 2021, 23, 053017.	1.2	32
147	Mutiple $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" \text{ altimg="si5.svg"} \rangle \langle mml:mi \rangle \hat{r} \langle mml:mi \rangle \langle mml:math \rangle$ -type stability of fractional-order quaternion-valued neural networks. Applied Mathematics and Computation, 2021, 401, 126092.	1.4	11
148	Stability and Hopf Bifurcation Analysis of a General Tri-diagonal BAM Neural Network with Delays. Neural Processing Letters, 2021, 53, 4571-4592.	2.0	11
149	Finite-time stabilization of fractional-order fuzzy quaternion-valued BAM neural networks via direct quaternion approach. Journal of the Franklin Institute, 2021, 358, 7650-7673.	1.9	28
150	Delay-Induced Hopf Bifurcation and Periodic Solution in a BAM Network with Two Delays. Lecture Notes in Computer Science, 2009, , 534-543.	1.0	0
151	Stochastic Stability and Bifurcation Analysis on Hopfield Neural Networks with Noise. Lecture Notes in Computer Science, 2010, , 166-179.	1.0	1
153	Bifurcation of a Discrete-Time Cohen-Grossberg-Type BAM Neural Network with Delays. Lecture Notes in Computer Science, 2013, , 109-116.	1.0	1
154	Stability and bifurcation control in inertial neuron networks with delays. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 090203.	0.2	1
155	Stability Criteria with Less Variables for Neural Networks with Time-Varying Delay. Lecture Notes in Computer Science, 2008, , 330-337.	1.0	0
156	Hopf bifurcation of a fractional-order double-ring structured neural network model with multiple communication delays. Nonlinear Dynamics, 2022, 108, 379-396.	2.7	18
157	Multi-stability analysis of fractional-order quaternion-valued neural networks with time delay. AIMS Mathematics, 2022, 7, 3603-3629.	0.7	2
158	HOPF BIFURCATION OF A FRACTIONAL TRI-NEURON NETWORK WITH DIFFERENT ORDERS AND LEAKAGE DELAY. Fractals, 2022, 30, .	1.8	3
159	Bifurcation and optimal control analysis of delayed models for huanglongbing. International Journal of Biomathematics, 2022, 15, .	1.5	4
160	Delay-probability-dependent state estimation for neural networks with hybrid delays. Applied Mathematics and Computation, 2022, 424, 127016.	1.4	0
161	Bifurcation Analysis of a Ring-Hub-Shaped Neural Network With $(n + 1)$ Neurons and Multiple Delays. , 2021, , .		1
162	Dynamics and bifurcations of a discrete time neural network with self connection. European Journal of Control, 2022, 66, 100642.	1.6	4
163	Synchronization, Multiresonance Phenomena, and Discrete Oscillation Periods in a Hopfield Neural Network with Two Time Delays. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2022, 32, .	0.7	2

#	ARTICLE	IF	CITATIONS
164	Exploration of bifurcation for a fractional-order BAM neural network with $n+2$ neurons and mixed time delays. <i>Chaos, Solitons and Fractals</i> , 2022, 159, 112117.	2.5	16
165	Delayed Impulsive Control for Lag Synchronization of Delayed Neural Networks Involving Partial Unmeasurable States. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2024, 35, 783-791.	7.2	4
166	Further analysis on dynamical properties of fractional-order bidirectional associative memory neural networks involving double delays. <i>Mathematical Methods in the Applied Sciences</i> , 2022, 45, 11736-11754.	1.2	21
167	Global Mittag-Leffler Stabilization of BAM Fuzzy Neural Networks with Fractional-Order. <i>Pure Mathematics</i> , 2022, 12, 1925-1933.	0.0	0
168	Stability and Hopf bifurcation of a delayed diffusive phytoplankton-zooplankton-fish model with refuge and two functional responses. <i>AIMS Mathematics</i> , 2023, 8, 8867-8901.	0.7	2
169	Stability and hopf bifurcation of fractional complex-valued BAM neural networks with multiple time delays. <i>Applied Mathematics and Computation</i> , 2023, 450, 127986.	1.4	4