

# Existence and Stability of Traveling Pulses in a Continuum

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Localized activity patterns in two-population neuronal networks. <i>Physica D: Nonlinear Phenomena</i> , 2005, 206, 180-212.	1.3	50
2	Waves, bumps, and patterns in neural field theories. <i>Biological Cybernetics</i> , 2005, 93, 91-108.	0.6	389
3	Dynamics of neuronal waves. <i>Mathematische Zeitschrift</i> , 2006, 255, 283-321.	0.4	11
4	The importance of different timings of excitatory and inhibitory pathways in neural field models. <i>Network: Computation in Neural Systems</i> , 2006, 17, 151-172.	2.2	33
5	EVANS FUNCTIONS AND NONLINEAR STABILITY OF TRAVELING WAVES IN NEURONAL NETWORK MODELS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2007, 17, 2693-2704.	0.7	57
6	Bumps and rings in a two-dimensional neural field: splitting and rotational instabilities. <i>New Journal of Physics</i> , 2007, 9, 378-378.	1.2	86
7	How Do Synaptic Coupling and Spatial Temporal Delay Influence Traveling Waves in Nonlinear Nonlocal Neuronal Networks?. <i>SIAM Journal on Applied Dynamical Systems</i> , 2007, 6, 597-644.	0.7	21
8	Patterns and Features of Families of Traveling Waves in Large-Scale Neuronal Networks. <i>SIAM Journal on Applied Dynamical Systems</i> , 2007, 6, 263-292.	0.7	35
9	Turing instability and pattern formation in a two-population neuronal network model. <i>Physica D: Nonlinear Phenomena</i> , 2007, 225, 75-93.	1.3	34
10	Absolute Stability and Complete Synchronization in a Class of Neural Fields Models. <i>SIAM Journal on Applied Mathematics</i> , 2008, 69, 205-250.	0.8	38
11	Traveling Waves and Synchrony in an Excitable Large-Scale Neuronal Network with Asymmetric Connections. <i>SIAM Journal on Applied Dynamical Systems</i> , 2008, 7, 1247-1282.	0.7	14
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14	Asymmetric Activity Waves in Synaptic Cortical Systems. <i>SIAM Journal on Applied Dynamical Systems</i> , 2009, 8, 1218-1233.	0.7	3
15	Influence of sodium currents on speeds of traveling wave fronts in synaptically coupled neuronal networks. <i>Physica D: Nonlinear Phenomena</i> , 2010, 239, 9-32.	1.3	15
16	Propagation of Spike Sequences in Neural Networks. <i>SIAM Journal on Applied Dynamical Systems</i> , 2010, 9, 1090-1118.	0.7	6
17	Nonlinear Analysis of Breathing Pulses in a Synaptically Coupled Neural Network. <i>SIAM Journal on Applied Dynamical Systems</i> , 2011, 10, 744-787.	0.7	21
18	Stability of bumps in a two-population neural-field model with quasi-power temporal kernels. <i>Nonlinear Analysis: Real World Applications</i> , 2011, 12, 3073-3094.	0.9	4

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19	On the spectra of certain integro-differential-delay problems with applications in neurodynamics. <i>Physica D: Nonlinear Phenomena</i> , 2011, 240, 13-20.	1.3	23
20	Response of traveling waves to transient inputs in neural fields. <i>Physical Review E</i> , 2012, 85, 021910.	0.8	14
21	Existence and Stability of Traveling Fronts in a Lateral Inhibition Neural Network. <i>SIAM Journal on Applied Dynamical Systems</i> , 2012, 11, 1543-1582.	0.7	3
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32	A Biologically Constrained, Mathematical Model of Cortical Wave Propagation Preceding Seizure Termination. <i>PLoS Computational Biology</i> , 2015, 11, e1004065.	1.5	43
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37	Waves in Excitable Neural Fields. Lecture Notes on Mathematical Modelling in the Life Sciences, 2014, , 271-318.	0.1	3
38	Wave Phenomena in Neuronal Networks. Lecture Notes in Physics, 2008, , 1-22.	0.3	3
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43	Standing Wave Solutions in Nonhomogeneous Delayed Synaptically Coupled Neuronal Networks. Journal of Partial Differential Equations, 2012, 25, 295-329.	0.1	0
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48	Neural Field Model of Binocular Rivalry Waves. Lecture Notes on Mathematical Modelling in the Life Sciences, 2014, , 319-345.	0.1	2
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