

Nonlinear waves in PT -symmetric media

Reviews of Modern Physics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Bright Solitons in aPT-Symmetric Chain of Dimers. <i>Advances in Mathematical Physics</i> , 2016, 2016, 1-12.	0.4	4
2	Stable vortex solitons in a ring-shaped partially-PT-symmetric potential. <i>Optics Letters</i> , 2016, 41, 5194.	1.7	21
3	Small-Amplitude Nonlinear Modes under the Combined Effect of the Parabolic Potential, Nonlocality and PT Symmetry. <i>Symmetry</i> , 2016, 8, 72.	1.1	5
4	Light propagation through a PT-symmetric photonic-crystal. <i>Optics Express</i> , 2016, 24, 26146.	1.7	12
5	Two-dimensional solitons in parity-time-symmetric optical lattices with nonlocal defocusing nonlinearity. <i>Optics Express</i> , 2016, 24, 23063.	1.7	4
6	Gap solitons in the nonlinear fractional Schrödinger equation with an optical lattice. <i>Optics Letters</i> , 2016, 41, 5636.	1.7	112
7	Nonlinear wave dynamics near phase transition in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si4.gif" display="inline" overflow="scroll" \rangle \langle \text{mml:mi mathvariant="script" \rangle PT} \langle / \text{mml:mi} \rangle \langle / \text{mml:math} \rangle$ -symmetric localized potentials. <i>Physica D: Nonlinear Phenomena</i> , 2016, 331, 48-57.	1.3	9
8	Tunable spectral singularities: coherent perfect absorber and laser in an atomic medium. <i>New Journal of Physics</i> , 2016, 18, 085003.	1.2	29
9	One- and two-dimensional solitons in $\langle \text{mathscr{P}} \rangle \langle \text{mathscr{T}} \rangle$ -symmetric systems emulating spin-orbit coupling. <i>New Journal of Physics</i> , 2016, 18, 105005.	1.2	34
10	PT -symmetric couplers with competing cubic-quintic nonlinearities. <i>Chaos</i> , 2016, 26, 113103.	1.0	19
11	Motion of solitons in one-dimensional spin-orbit-coupled Bose-Einstein condensates. <i>Physical Review A</i> , 2016, 94, .	1.0	49
12	Stationary through-flows in a Bose-Einstein condensate with a $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mi mathvariant="script" \rangle PT} \langle / \text{mml:mi} \rangle \langle / \text{mml:math} \rangle$ -symmetric impurity. <i>Physical Review A</i> , 2016, 94, .	1.0	17
13	On the spontaneous time-reversal symmetry breaking in synchronously-pumped passive Kerr resonators. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 455201.	0.7	9
14	Stability of soliton families in nonlinear Schrödinger equations with non-parity-time-symmetric complex potentials. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016, 380, 3803-3809.	0.9	27
15	Floquet modulation of $\langle \text{mathcal{PT}} \rangle$ symmetry in an atomic Bose-Josephson junction. <i>European Physical Journal D</i> , 2016, 70, 1.	0.6	4
16	Multiple Quantum Wells forPT-Symmetric Phononic Crystals. <i>Physical Review Letters</i> , 2016, 117, 224302.	2.9	25
17	Stationary and traveling solitons via local dissipation in Bose-Einstein condensates in ring optical lattices. <i>Physical Review A</i> , 2016, 94, .	1.0	11
18	$\langle \text{mathcal{PT}} \rangle$ -symmetric quantum oscillator in an optical cavity. <i>Europhysics Letters</i> , 2016, 115, 61001.	0.7	12

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19	The Asymmetric Active Coupler: Stable Nonlinear Supermodes and Directed Transport. Scientific Reports, 2016, 6, 33699.	1.6	29
20	Nonlinear currents in a ring-shaped waveguide with balanced gain and dissipation. Physical Review A, 2016, 94, .	1.0	13
21	Floquet control of the gain and loss in a PT-symmetric optical coupler. Frontiers of Physics, 2017, 12, 1.	2.4	19
22	Stability, integrability, and nonlinear dynamics of P T-symmetric optical couplers with cubic cross-interactions or cubic-quintic nonlinearities. Chaos, 2017, 27, 013105.	1.0	5
23	Realization of non- PT -symmetric optical potentials with all-real spectra in a coherent atomic system. Physical Review A, 2017, 95, .	1.0	22
24	Symmetry-protected zero-mode laser with a tunable spatial profile. Physical Review A, 2017, 95, .	1.0	64
25	Field patterns: a new mathematical object. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2017, 473, 20160819.	1.0	33
26	Nonlinear waves in repulsive media supported by spatially localized parity-time-symmetric potentials. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1955-1961.	0.9	3
27	Nonlinear behaviors in a PDE model for parity-time-symmetric lasers. Journal of Optics (United Kingdom), 2017, 19, 103001.	1.0	3
28	Rational and Semirational Solutions of the Nonlocal Davey-Stewartson Equations. Studies in Applied Mathematics, 2017, 139, 568-598.	1.1	150
29	Vector dark solitons with oscillating background density. Nonlinear Dynamics, 2017, 89, 2695-2702.	2.7	15
30	Soliton solutions of an integrable nonlocal modified Korteweg-de Vries equation through inverse scattering transform. Journal of Mathematical Analysis and Applications, 2017, 453, 973-984.	0.5	133
31	Asymmetric pendulum effect and transparency change of PT -symmetric photonic crystals under dynamical Bragg diffraction beyond the paraxial approximation. Physical Review A, 2017, 95, .	1.0	17
32	Cross-symmetric dipolar-matter-wave solitons in double-well chains. Physical Review E, 2017, 95, 032226.	0.8	9
33	Localization, quantum resonances, and ratchet acceleration in a periodically kicked PT -symmetric quantum rotator. Physical Review A, 2017, 95, .	1.0	24
34	On the Spectral Stability of Kinks in 2D Klein-Gordon Model with Parity-Time-Symmetric Perturbation. Studies in Applied Mathematics, 2017, 138, 317-342.	1.1	6
35	One- and two-dimensional bright solitons in inhomogeneous defocusing nonlinearities with an antisymmetric periodic gain and loss. Physica D: Nonlinear Phenomena, 2017, 343, 1-6.	1.3	10
36	On the Global Behavior of Solutions of a Coupled System of Nonlinear Schrödinger Equation. Studies in Applied Mathematics, 2017, 138, 227-244.	1.1	3

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37	Unidirectional reflection and invisibility in nonlinear media with an incoherent nonlinearity. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017, 381, 3548-3552.	0.9	7
38	Response of exact solutions of the nonlinear Schrödinger equation to small perturbations in a class of complex external potentials having supersymmetry and parity-time symmetry. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 485205.	0.7	3
39	Controllable asymmetric phase-locked states of the fundamental active photonic dimer. <i>Physical Review A</i> , 2017, 96, .	1.0	37
40	Flat bands in lattices with non-Hermitian coupling. <i>Physical Review B</i> , 2017, 96, .	1.1	69
41	Multi-rational and semi-rational solitons and interactions for the nonlocal coupled nonlinear Schrödinger equations. <i>Europhysics Letters</i> , 2017, 118, 60004.	0.7	20
42	Parity-time symmetry with coherent atomic gases. <i>Advances in Physics: X</i> , 2017, 2, 737-783.	1.5	17
43	Families of rational solutions of the γ -nonlocal Davey-Stewartson II equation. <i>Nonlinear Dynamics</i> , 2017, 90, 2445-2455.	2.7	33
44	Spontaneous symmetry breaking of fundamental states, vortices, and dipoles in two- and one-dimensional linearly coupled traps with cubic self-attraction. <i>Physical Review A</i> , 2017, 96, .	1.0	19
45	Spectra, current flow, and wave-function morphology in a model $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -symmetric quantum dot with external interactions. <i>Physical Review A</i> , 2017, 95, .	1.0	9
46	Waveguides with Absorbing Boundaries: Nonlinearity Controlled by an Exceptional Point and Solitons. <i>Physical Review Letters</i> , 2017, 119, 033905.	2.9	9
47	Families of stable solitons and excitations in the PT-symmetric nonlinear Schrödinger equations with position-dependent effective masses. <i>Scientific Reports</i> , 2017, 7, 1257.	1.6	43
48	Relaxation Oscillations and Ultrafast Emission Pulses in a Disordered Expanding Polariton Condensate. <i>Scientific Reports</i> , 2017, 7, 7094.	1.6	7
49	The nonlinear Schrödinger equation with generalized nonlinearities and PT-symmetric potentials: Stable solitons, interactions, and excitations. <i>Chaos</i> , 2017, 27, 073114.	1.0	18
50	Time-dependent spectral renormalization method. <i>Physica D: Nonlinear Phenomena</i> , 2017, 358, 15-24.	1.3	3
51	A systematic construction of parity-time ($\text{mathcal{PT}}$)-symmetric and non- $\text{mathcal{PT}}$ -symmetric complex potentials from the solutions of various real nonlinear evolution equations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 415203.	0.7	2
52	Unidirectional Excitation of Radiative-Loss-Free Surface Plasmon Polaritons in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{P} \langle \text{mml:mi} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{T} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -Symmetric Systems. <i>Physical Review Letters</i> , 2017, 119, 077401.	2.9	43
53	Bright-dark and dark-dark solitons in coupled nonlinear Schrödinger equation with PT-symmetric potentials. <i>Chaos</i> , 2017, 27, 123102.	1.0	5
54	Energy flows in PT -symmetric waveguides. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0

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55	Spectral signatures of exceptional points and bifurcations in the fundamental active photonic dimer. Physical Review A, 2017, 96, .	1.0	23
56	Anti- PT symmetry in dissipatively coupled optical systems. Physical Review A, 2017, 96, .	1.0	123
57	Optimal PT -symmetric switch features exceptional point. Scientific Reports, 2017, 7, 13299.	1.6	13
58	Statistical parity-time-symmetric lasing in an optical fibre network. Nature Communications, 2017, 8, 1359.	5.8	27
59	Information Retrieval and Criticality in Parity-Time-Symmetric Systems. Physical Review Letters, 2017, 119, 190401.	2.9	151
60	Second-harmonic generation with ultralow-power pump thresholds in a dimer of two active-passive cavities. Physical Review A, 2017, 96, .	1.0	7
61	Adiabatic Invariant Approach to Transverse Instability: Landau Dynamics of Soliton Filaments. Physical Review Letters, 2017, 118, 244101.	2.9	23
62	Vortices in Bose-Einstein condensates with PT -symmetric gain and loss. Physical Review A, 2017, 95, .	1.0	20
63	Non-Hermitian matter-wave mixing in Bose-Einstein condensates: Dissipation-induced amplification. Physical Review A, 2017, 96, .	1.0	5
64	Stability through asymmetry: Modulationally stable nonlinear supermodes of asymmetric non-Hermitian optical couplers. Physical Review A, 2017, 95, .	1.0	29
65	Topological quantum wires with balanced gain and loss. Physical Review B, 2017, 95, .	1.1	98
66	Effects of the third-order dispersion on continuous waves in complex potentials. European Physical Journal D, 2017, 71, 1.	0.6	6
67	Modulational instability of coupled ring waveguides with linear gain and nonlinear loss. Scientific Reports, 2017, 7, 4089.	1.6	8
68	Optomechanical devices based on traveling-wave microresonators. Physical Review A, 2017, 95, .	1.0	12
69	Integrable Nonlocal Nonlinear Equations. Studies in Applied Mathematics, 2017, 139, 7-59.	1.1	361
70	Integrable nonlocal vector nonlinear Schrödinger equation with self-induced parity-time-symmetric potential. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 124-128.	0.9	71
71	Solitons stabilization in PT symmetric potentials through modulation the shape of imaginary component. Optics and Laser Technology, 2017, 88, 104-110.	2.2	6
72	Theory of Exceptional Points of Degeneracy in Uniform Coupled Waveguides and Balance of Gain and Loss. IEEE Transactions on Antennas and Propagation, 2017, 65, 5289-5302.	3.1	48

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73	Effect of PT symmetry in a parallel double-quantum-dot structure. Physical Review A, 2017, 96, .	1.0	7
74	Transmission enhancement in loss-gain multilayers by resonant suppression of reflection. Physical Review B, 2017, 96, .	1.1	17
75	Asymmetric scattering by non-Hermitian potentials. Europhysics Letters, 2017, 120, 20001.	0.7	17
76	Exact states in waveguides with periodically modulated nonlinearity. Europhysics Letters, 2017, 119, 54002.	0.7	2
77	Femtosecond pulse propagation and splitting in a PT -symmetric 1D photonic crystals. , 2017, , .		0
78	Perfectly invisible PT -symmetric zero-gap systems, conformal field theoretical kinks, and exotic nonlinear supersymmetry. Journal of High Energy Physics, 2017, 2017, 1.	1.6	26
79	Parity-time symmetry meets photonics: A new twist in non-Hermitian optics. Europhysics Letters, 2017, 120, 64001.	0.7	222
80	Editorial: Guided-Wave Optics. Applied Sciences (Switzerland), 2017, 7, 962.	1.3	3
81	Solitons in a PT -symmetric β^2 coupler. Optics Letters, 2017, 42, 4079.	1.7	15
82	Schrödinger Equations with Logarithmic Self-Interactions: From Antilinear PT -Symmetry to the Nonlinear Coupling of Channels. Symmetry, 2017, 9, 165.	1.1	15
83	Existence, Stability and Dynamics of Nonlinear Modes in a 2D Partially PT Symmetric Potential. Applied Sciences (Switzerland), 2017, 7, 223.	1.3	2
84	Phase transition through the splitting of self-dual spectral singularity in optical potentials. Optics Letters, 2017, 42, 5206.	1.7	27
85	Dissipative soliton fiber lasers with higher-order nonlinearity, multiphoton absorption and emission, and random dispersion. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 850.	0.9	12
86	CPT -symmetric coupler with intermodal dispersion. Optics Letters, 2017, 42, 1273.	1.7	10
87	New avenues for light-matter interaction: Parity-time symmetry and non-ergodic behaviour of gain-loss transducer arrays. , 2017, , .		0
88	PT symmetry in nonlinear twisted multicore fibers. Optics Letters, 2017, 42, 2972.	1.7	16
89	Rational and semi-rational solutions of the $2D$ -nonlocal Davey-Stewartson I equation. Computers and Mathematics With Applications, 2018, 75, 3317-3330.	1.4	22
90	Parity-time symmetric coupler in transverse periodic and aperiodic potentials. European Physical Journal Plus, 2018, 133, 1.	1.2	4

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91	Stationary wave packets in the Kerr nonlinear media with imaginary harmonic potential and linear gain. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1873-1880.	0.9	2
92	Families of fundamental and vortex solitons under competing cubic-quintic nonlinearity with complex potentials. Communications in Nonlinear Science and Numerical Simulation, 2018, 64, 66-73.	1.7	3
93	Basic modelling of transport in 2D wave-mechanical nanodots and billiards with balanced gain and loss mediated by complex potentials. Journal of Physics Condensed Matter, 2018, 30, 204003.	0.7	0
94	A Variety of Dynamical Settings in Dual-Core Nonlinear Fibers. , 2018, , 1-54.		3
95	Effect of PT symmetry on nonlinear waves for three-wave interaction models in the quadratic nonlinear media. Chaos, 2018, 28, 043104.	1.0	14
96	Raising the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -transition threshold by strong coupling to neutral chains. Physical Review A, 2018, 97, .	1.0	3
97	Solutions of Nonlocal Equations Reduced from the AKNS Hierarchy. Studies in Applied Mathematics, 2018, 141, 113-141.	1.1	100
98	Coherent scattering from semi-infinite non-Hermitian potentials. Physical Review A, 2018, 97, .	1.0	5
99	Loss compensation symmetry in dimers made of gain and lossy nanoparticles. Laser Physics Letters, 2018, 15, 035901.	0.6	5
100	Darboux transformations and global solutions for a nonlocal derivative nonlinear Schrödinger equation. Communications in Nonlinear Science and Numerical Simulation, 2018, 62, 480-488.	1.7	106
101	Parity-time symmetric photonics. National Science Review, 2018, 5, 183-199.	4.6	76
102	Parametric amplification and bidirectional invisibility in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -symmetric time-Floquet systems. Physical Review A, 2018, 97, .	1.0	68
103	A novel hierarchy of two-family-parameter equations: Local, nonlocal, and mixed-local nonlocal vector nonlinear Schrödinger equations. Applied Mathematics Letters, 2018, 79, 123-130.	1.5	22
104	Inverse scattering transform for the nonlocal nonlinear Schrödinger equation with nonzero boundary conditions. Journal of Mathematical Physics, 2018, 59, .	0.5	125
105	Families of exact solutions of a new extended $\vec{\varphi}_{(2+1)}$ $(2+1)$ -dimensional Boussinesq equation. Nonlinear Dynamics, 2018, 91, 2593-2605.	2.7	65
106	Non-Hermitian physics and PT symmetry. Nature Physics, 2018, 14, 11-19.	6.5	1,620
107	Full-Counting Many-Particle Dynamics: Nonlocal and Chiral Propagation of Correlations. Physical Review Letters, 2018, 120, 185301.	2.9	53
108	Fundamental and dressed annular solitons in saturable nonlinearity with parity-time symmetric Bessel potential. Chinese Physics B, 2018, 27, 044203.	0.7	2

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109	Tunable elastic parity-time symmetric structure based on the shunted piezoelectric materials. Journal of Applied Physics, 2018, 123, .	1.1	43
110	PT -symmetric gain and loss in a rotating Bose-Einstein condensate. Physical Review A, 2018, 97, .	1.0	7
111	Directionality fields generated by a local Hilbert transform. Physical Review A, 2018, 97, .	1.0	20
112	Add-drop double bus microresonator array local oscillators for sharp multiple Fano resonance engineering. Journal of Applied Physics, 2018, 123, .	1.1	4
113	Odd-Time Reversal $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{P} \langle \text{mml:mi} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{T} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Symmetry Induced by an Anti- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{P} \langle \text{mml:mi} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{T} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	2.9	61
114	Krein signature for instability of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml41" display="inline" overflow="scroll" altimg="si41.gif"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -symmetric states. Physica D: Nonlinear Phenomena, 2018, 371, 48-59.	1.3	1
115	Resonant interaction of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si24.gif" overflow="scroll"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -symmetric perturbation with spatially periodic gain/loss coefficient. Communications in Nonlinear Science and Numerical Simulation, 2018, 56, 62-76.	1.7	9
116	Solitons in a Hamiltonian $\langle \text{mathcal{PT}} \rangle$ -symmetric coupler. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 015206.	0.7	7
117	Interplay between the Inverse Scattering Method and Fokas's Unified Transform with an Application. Studies in Applied Mathematics, 2018, 140, 3-26.	1.1	29
118	Hamiltonian formulation of systems with balanced loss-gain and exactly solvable models. Annals of Physics, 2018, 388, 276-304.	1.0	10
119	Optical solitons in periodically managed PT-symmetric media. Optik, 2018, 157, 353-359.	1.4	4
120	Fundamental solitons and dynamical analysis in the defocusing Kerr medium and $\langle \text{mathcal{PT}} \rangle$ -symmetric rational potential. Nonlinear Dynamics, 2018, 91, 853-861.	2.7	10
121	Transformations between Nonlocal and Local Integrable Equations. Studies in Applied Mathematics, 2018, 140, 178-201.	1.1	110
122	Fractional-Dimensional Accessible Solitons in a Parity-Time Symmetric Potential. Annalen Der Physik, 2018, 530, 1700311.	0.9	10
123	Management of Light Patterns Based on Local Hilbert Transform. , 2018, , .		0
124	Evolution of vortex and quadrupole solitons in the complex potentials with saturable nonlinearity. Journal of Optics (United Kingdom), 2018, 20, 125504.	1.0	5
125	Exceptional points in a time-periodic parity-time-symmetric Rabi model. Physical Review A, 2018, 98, .	1.0	12
126	Broadband quasi- $\langle \text{math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -symmetry sustained by inhomogeneous broadening of the spectral line. Physical Review A, 2018, 98, .	1.0	16

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127	Fano Resonances and Bound States in the Continuum in Evanescently-Coupled Optical Waveguides and Resonators. Springer Series in Optical Sciences, 2018, , 85-108.	0.5	2
128	Topological invariants and phase diagrams for one-dimensional two-band non-Hermitian systems without chiral symmetry. Physical Review A, 2018, 98, .	1.0	99
129	Antiferromagnetism Emerging in a Ferromagnet with Gain. Physical Review Letters, 2018, 121, 197201.	2.9	41
130	Solitons in a chain of charge-parity-symmetric dimers. Physical Review A, 2018, 98, .	1.0	7
131	Integrable Nonlocal PT Symmetric and Reverse Space-Time Nonlinear Schrödinger Equations. Springer Tracts in Modern Physics, 2018, , 493-512.	0.1	0
132	Coupled Nonlinear Schrödinger Equations with Gain and Loss: Modeling P T \mathcal{PT} Symmetry. Springer Tracts in Modern Physics, 2018, , 407-441.	0.1	0
133	Making the P T \mathbb{PT} Symmetry Unbreakable. Springer Tracts in Modern Physics, 2018, , 443-464.	0.1	3
136	Nonlinear Beam Propagation in a Class of Complex Non- P T \mathcal{PT} -Symmetric Potentials. Springer Tracts in Modern Physics, 2018, , 557-579.	0.1	2
137	Exceptional points in two dissimilar coupled diode lasers. Applied Physics Letters, 2018, 113, .	1.5	26
138	PT-symmetric system based optical modulator. Applied Physics B: Lasers and Optics, 2018, 124, 1.	1.1	3
139	Loss-induced transparency in optomechanics. Optics Express, 2018, 26, 25199.	1.7	52
140	Parity-time symmetry in optical microcavity systems. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 222001.	0.6	45
141	Three types of discrete energy eigenvalues in complex PT -symmetric scattering potentials. Physical Review A, 2018, 98, .	1.0	7
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143	Topological Phases of Non-Hermitian Systems. Physical Review X, 2018, 8, .	2.8	792
144	Symmetries and invariants for non-Hermitian Hamiltonians. Mathematics, 2018, 6, 111.	1.1	14
145	Anomalous helical edge states in a non-Hermitian Chern insulator. Physical Review B, 2018, 98, .	1.1	156
146	General soliton solution to a nonlocal nonlinear Schrödinger equation with zero and nonzero boundary conditions. Nonlinearity, 2018, 31, 5385-5409.	0.6	126

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147	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="script"} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mi mathvariant="script"} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -Symmetry for Elastic Negative Refraction. Physical Review Applied, 2018, 10, .	1.5	34
148	Beam dynamics in quadratically nonlinear waveguides with gain and losses. Physical Review A, 2018, 98, .	1.0	1
149	Parity-time symmetry along with nonlocal optical solitons and their active controls in a Rydberg atomic gas. Physical Review A, 2018, 98, .	1.0	23
150	Rational Solutions of a Weakly Coupled Nonlocal Nonlinear Schrödinger Equation. Advances in Mathematical Physics, 2018, 2018, 1-12.	0.4	1
151	Energy observable for a quantum system with a dynamical Hilbert space and a global geometric extension of quantum theory. Physical Review D, 2018, 98, .	1.6	30
152	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle PT \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ symmetry breaking in multilayers with resonant loss and gain locks light propagation direction. Physical Review B, 2018, 98, .	1.1	42
153	Pulse shortening in an actively mode-locked laser with parity-time symmetry. APL Photonics, 2018, 3, 086103.	3.0	20
154	Dynamics of high-order solitons in the nonlocal nonlinear Schrödinger equations. Nonlinear Dynamics, 2018, 94, 489-502.	2.7	42
155	Darboux Transformations and Global Explicit Solutions for Nonlocal Davey-Stewartson I Equation. Studies in Applied Mathematics, 2018, 141, 186-204.	1.1	60
156	Resonant scattering from a two-dimensional honeycomb $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle PT \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ dipole structure. Physical Review A, 2018, 97, .	1.0	3
157	Several reverse-time integrable nonlocal nonlinear equations: Rogue-wave solutions. Chaos, 2018, 28, 053104.	1.0	33
158	Using mixed many-body particle states to generate exact $\text{mathcal{PT}}$ -symmetry in a time-dependent four-well system. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 315303.	0.7	1
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