

Bäcklund transformation and shock-wave-type solutions  
(3+1)-dimensional variable-coefficient B-type Kadomtsev-Petviashvili  
mechanics

Ocean Engineering

96, 245-247

DOI: [10.1016/j.oceaneng.2014.12.017](https://doi.org/10.1016/j.oceaneng.2014.12.017)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Direct Similarity Reduction and New Exact Solutions for the Variable-Coefficient Kadomtsevâ€”Petviashvili Equation. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2015, 70, 445-450.	0.7	20
2	Exact Periodic Wave, Bisoliton, and Various Breather Solutions for the Zakharov Equations. Mathematical Problems in Engineering, 2015, 2015, 1-7.	0.6	0
3	A system of coupled partial differential equations exhibiting both elevation and depression rogue wave modes. Applied Mathematics Letters, 2015, 47, 35-42.	1.5	7
4	Study of chiroptical fiber nonlinearities with new formulation of constitutive equations. Journal of Electromagnetic Waves and Applications, 2015, 29, 2257-2268.	1.0	3
5	On the complex structures of Kundu-Eckhaus equation via improved Bernoulli sub-equation function method. Waves in Random and Complex Media, 2015, 25, 720-728.	1.6	82
6	Multisoliton Solutions and Breathers for the Coupled Nonlinear SchrÃ¶dinger Equations via the Hirota Method. Mathematical Problems in Engineering, 2016, 2016, 1-11.	0.6	16
7	Modeling of a light pulse in bi-isotropic optical fiber with Kerr effect: case of Tellegen media. Nonlinear Dynamics, 2016, 86, 789-794.	2.7	4
8	Abundant soliton solutions for the Kunduâ€”Eckhaus equation via $\tan(\frac{\pi}{4})$ -expansion method. Optik, 2016, 127, 5543-5551.	1.4	113
9	Solitons and BÃ¶cklund transformation for a generalized ( $\frac{1}{2}$ )-dimensional Kunduâ€”Eckhaus equation with the aid of unified algebraic and auxiliary equation expansion methods. Journal of Electromagnetic Waves and Applications, 2016, 30, 871-879.	1.5	35
10	variable-coefficient B-type Kadomtsevâ€”Petviashvili equation in fluid dynamics. Applied Mathematics Letters, 2016, 60, 96-100.	1.0	72
11	New solitons and periodic wave solutions for the (2+1)-dimensional Heisenberg ferromagnetic spin chain equation. Journal of Electromagnetic Waves and Applications, 2016, 30, 788-794.	1.0	43
12	Soliton solutions for the Kunduâ€”Eckhaus equation with the aid of unified algebraic and auxiliary equation expansion methods. Journal of Electromagnetic Waves and Applications, 2016, 30, 871-879.	1.0	43
13	ZK-Burgers equation for three-dimensional Rossby solitary waves and its solutions as well as chirp effect. Advances in Difference Equations, 2016, 2016, .	3.5	47
14	Collapse of nonlinear electron plasma waves in a plasma layer. Physica Scripta, 2016, 91, 105602.	1.2	0
15	Analytical multi-soliton solutions of a (2+1)-dimensional breaking soliton equation. SpringerPlus, 2016, 5, 891.	1.2	6
16	Rogue Waves in the Three-Dimensional Kadomtsevâ€”Petviashvili Equation. Chinese Physics Letters, 2016, 33, 110201.	1.3	52
17	Complex solitary waves and soliton trains in KdV and mKdV equations. European Physical Journal B, 2016, 89, 1.	0.6	7
18	Density-fluctuation symbolic computation on the (3+1)-dimensional variable-coefficient Kudryashovâ€”Sinelshchikov equation for a bubbly liquid with experimental support. Modern Physics Letters B, 2016, 30, 1650217.	1.0	27
19	Rogue-Wave Interaction of a Nonlinear SchrÃ¶dinger Model for the Alpha Helical Protein. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2016, 71, 27-32.	0.7	21

#	ARTICLE	IF	CITATIONS
19	Parameter estimation of unknown fractional-order memristor-based chaotic systems by a hybrid artificial bee colony algorithm combined with differential evolution. <i>Nonlinear Dynamics</i> , 2016, 84, 779-795.	2.7	26
20	Conserved quantities and solutions of a (2+1)-dimensional H a E t r a E t g us-Courcelleâ€™llâ€™Tmichev model. <i>Computers and Mathematics With Applications</i> , 2016, 71, 1129-1136.	1.4	13
21	Darboux transformations on a space scale. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 434, 1690-1718.	0.5	6
22	Generalized variational problems and Birkhoff equations. <i>Nonlinear Dynamics</i> , 2016, 83, 347-354.	2.7	11
23	Bilinear forms and solitons for a generalized sixth-order nonlinear SchrÃ¶dinger equation in an optical fiber. <i>European Physical Journal Plus</i> , 2017, 132, 1.	1.2	44
24	Fusion and fission phenomena for the soliton interactions in a plasma. <i>European Physical Journal Plus</i> , 2017, 132, 1.	1.2	16
25	Bound-state solitons for the coupled variable-coefficient higher-order nonlinear SchrÃ¶dinger equations in the inhomogeneous optical fiber. <i>Laser Physics</i> , 2017, 27, 035403.	0.6	11
26	Bright and dark solitons for a discrete (2+1)-dimensional Ablowitzâ€™Ladik equation for the nonlinear optics and Boseâ€™Einstein condensation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017, 50, 201-210.	1.7	22
27	Solitons for a generalized sixth-order variable-coefficient nonlinear SchrÃ¶dinger equation for the attosecond pulses in an optical fiber. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017, 50, 128-141.	1.7	48
28	Certain bright soliton interactions of the Sasa-Satsuma equation in a monomode optical fiber. <i>Physical Review E</i> , 2017, 95, 032202.	0.8	37
29	Brightâ€™dark soliton solutions for the (2+1)-dimensional variable-coefficient coupled nonlinear SchrÃ¶dinger system in a graded-index waveguide. <i>Modern Physics Letters B</i> , 2017, 31, 1750100.	1.0	0
30	Solitons for the (3+1)-dimensional variable-coefficient coupled nonlinear SchrÃ¶dinger equations in an optical fiber. <i>Superlattices and Microstructures</i> , 2017, 109, 345-359.	1.4	33
31	Soliton collisions for a higher-order nonlinear SchrÃ¶dingerâ€™Maxwellâ€™Bloch system in an erbium-doped fiber. <i>Chinese Journal of Physics</i> , 2017, 55, 1369-1376.	2.0	6
32	Solving fractional partial differential equations by using the second Chebyshev wavelet operational matrix method. <i>Nonlinear Dynamics</i> , 2017, 89, 1915-1925.	2.7	10
33	Solitons for a (2+1)-dimensional Sawadaâ€™Kotera equation via the Wronskian technique. <i>Applied Mathematics Letters</i> , 2017, 74, 193-198.	1.5	24
34	Bright-dark and dark-dark solitons for the coupled cubic-quintic nonlinear SchrÃ¶dinger equations in a twin-core nonlinear optical fiber. <i>Superlattices and Microstructures</i> , 2017, 111, 134-145.	1.4	8
35	Rogue waves, breather-to-soliton transitions and modulational instability for the nonlinear SchrÃ¶dinger equation with octic operator in an optical fiber. <i>Optik</i> , 2017, 142, 90-102.	1.4	17
36	Soliton interactions for a generalized variable-coefficient coupled higher-order nonlinear SchrÃ¶dinger system in an inhomogeneous optical fiber. <i>Laser Physics</i> , 2017, 27, 075402.	0.6	9

#	ARTICLE	IF	CITATIONS
37	N-fold Darboux transformation, conservation laws and modulation instability for the semi-discrete coupled nonlinear Schrödinger equation. <i>Modern Physics Letters B</i> , 2017, 31, 1750174.	1.0	4
38	Breathers and rogue waves for an eighth-order variable-coefficient nonlinear Schrödinger equation in an ocean or optical fiber. <i>Waves in Random and Complex Media</i> , 2017, 27, 544-561.	1.6	6
39	Multi-soliton solutions and Breathers for the generalized coupled nonlinear Hirota equations via the Hirota method. <i>Superlattices and Microstructures</i> , 2017, 105, 172-182.	1.4	86
40	Optical solitons, nonlinear self-adjointness and conservation laws for Kundu-Eckhaus equation. <i>Chinese Journal of Physics</i> , 2017, 55, 2341-2355.	2.0	48
41	Discrete Solitons and Bäcklund Transformation for the Coupled Ablowitz-Ladik Equations. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2017, 72, 963-972.	0.7	1
42	Nonautonomous multi-peak solitons and modulation instability for a variable-coefficient nonlinear Schrödinger equation with higher-order effects. <i>Nonlinear Dynamics</i> , 2017, 90, 2221-2230.	2.7	51
43	Bell-polynomial approach and Wronskian determinant solutions for three sets of differential-difference nonlinear evolution equations with symbolic computation. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2017, 68, 1.	0.7	2
44	Solitons for a (2+1)-dimensional variable-coefficient Bogoyavlensky-Konopelchenko equation in a fluid. <i>Modern Physics Letters B</i> , 2017, 31, 1750216.	1.0	12
45	Modulation instability analysis for the generalized derivative higher order nonlinear Schrödinger equation and its the bright and dark soliton solutions. <i>Journal of Electromagnetic Waves and Applications</i> , 2017, 31, 1353-1362.	1.0	172
46	A KdV-Type Wronskian Formulation to Generalized KP, BKP and Jimbo-Miwa Equations. <i>Communications in Theoretical Physics</i> , 2017, 68, 1.	1.1	3
47	Rogue Waves and Lump Solitons of the (3+1)-Dimensional Generalized B-type Kadomtsev-Petviashvili Equation for Water Waves. <i>Communications in Theoretical Physics</i> , 2017, 68, 693.	1.1	17
48	Solitons and breather-to-soliton transitions for an integrable higher-order variable-coefficient nonlinear Schrödinger equation in an optical fiber. <i>European Physical Journal Plus</i> , 2017, 132, 1.	1.2	4
49	Mixed-type soliton propagations in two-layer-liquid (or in an elastic) medium with dispersive waveguides. <i>Journal of Molecular Liquids</i> , 2017, 241, 870-874.	2.3	12
50	A new trial equation method for finding exact chirped soliton solutions of the quintic derivative nonlinear Schrödinger equation with variable coefficients. <i>Waves in Random and Complex Media</i> , 2017, 27, 153-162.	1.6	13
51	Nonplanar dissipative ion acoustic waves in electron-ion plasmas. <i>Europhysics Letters</i> , 2017, 120, 45001.	0.7	1
52	Rogue waves for the coupled variable-coefficient fourth-order nonlinear Schrödinger equations in an inhomogeneous optical fiber. <i>Chaos, Solitons and Fractals</i> , 2018, 109, 90-98.	2.5	79
53	Bright and dark solitons for a variable-coefficient $(2+1)$ dimensional Heisenberg ferromagnetic spin chain equation. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	1.5	3
54	Lump and rogue waves for the variable-coefficient Kadomtsev-Petviashvili equation in a fluid. <i>Modern Physics Letters B</i> , 2018, 32, 1850086.	1.0	15



#	ARTICLE	IF	CITATIONS
73	The wrinkle-like N-solitons for the thermophoretic motion equation through graphene sheets. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 494, 169-174.	1.2	36
74	Role of parametric gain operator for the higher-order nonlinear Schrodinger equation. <i>Optik</i> , 2018, 158, 78-83.	1.4	0
75	Conservation laws, solitons, breather and rogue waves for the (2+1)-dimensional variable-coefficient Nizhnikâ€Novikovâ€Veselov system in an inhomogeneous medium. <i>Chinese Journal of Physics</i> , 2018, 56, 645-658.	2.0	10
76	Soliton dynamics for a nonintegrable model of light-colloid interactive fluids. <i>Nonlinear Dynamics</i> , 2018, 91, 29-38.	2.7	39
77	Pfaffian and rational solutions for a new form of the (3 + 1) -dimensional BKP equation in fluid dynamics. <i>European Physical Journal Plus</i> , 2018, 133, 1.	1.2	6
78	Soliton and breather interactions for a coupled system. <i>European Physical Journal Plus</i> , 2018, 133, 1.	1.2	33
79	Lie group analysis, analytic solutions and conservation laws of the (3 + 1)-dimensional Zakharov-Kuznetsov-Burgers equation in a collisionless magnetized electron-positron-ion plasma. <i>European Physical Journal Plus</i> , 2018, 133, 1.	1.2	62
80	Semi-rational solutions for a $(2+1)$ -dimensional Daveyâ€Stewartson system on the surface water waves of finite depth. <i>Nonlinear Dynamics</i> , 2018, 94, 3029-3040.	2.7	17
81	Numerical solutions of a variable-coefficient nonlinear SchrÃdinger equation for an inhomogeneous optical fiber. <i>Computers and Mathematics With Applications</i> , 2018, 76, 1827-1836.	1.4	12
82	Semi-rational solutions for the (3+1)-dimensional Kadomtsevâ€Petviashvili equation in a plasma or fluid. <i>Computers and Mathematics With Applications</i> , 2018, 76, 2566-2574.	1.4	10
83	Rogue waves for a variable-coefficient Kadomtsevâ€Petviashvili equation in fluid mechanics. <i>Computers and Mathematics With Applications</i> , 2018, 76, 215-223.	1.4	46
84	Rogue waves and solitons of the coherently-coupled nonlinear SchrÃdinger equations with the positive coherent coupling. <i>Physica Scripta</i> , 2018, 93, 095202.	1.2	59
85	Rogue-wave solutions for a discrete Ablowitzâ€Ladik equation with variable coefficients for an electrical lattice. <i>Nonlinear Dynamics</i> , 2018, 93, 1635-1645.	2.7	21
86	Lump wave-soliton and rogue wave-soliton interactions for a (3+1)-dimensional B-type Kadomtsevâ€Petviashvili equation in a fluid. <i>Chinese Journal of Physics</i> , 2018, 56, 2395-2403.	2.0	29
87	The Nth-order Darboux transformation, vector dark solitons and breathers for the coupled defocusing Hirota system in a birefringent nonlinear fiber. <i>Chinese Journal of Physics</i> , 2018, 56, 2241-2253.	2.0	9
88	Rogue Waves for a (2+1)-Dimensional Coupled Nonlinear SchrÃdinger System with Variable Coefficients in a Graded-Index Waveguide. <i>Communications in Theoretical Physics</i> , 2018, 69, 551.	1.1	2
89	Vector semirational rogue waves for a coupled nonlinear SchrÃdinger system in a birefringent fiber. <i>Applied Mathematics Letters</i> , 2019, 87, 50-56.	1.5	15
90	Exact solitary wave solutions for two nonlinear systems. <i>Indian Journal of Physics</i> , 2019, 93, 229-234.	0.9	5

#	ARTICLE	IF	CITATIONS
91	Resonant multi-soliton solutions to two fifth-order KdV equations via the simplified linear superposition principle. <i>Modern Physics Letters B</i> , 2019, 33, 1950299.	1.0	15
92	Rational and semi-rational solutions for the (3 + 1)-dimensional B-type Kadomtsevâ€“Petviashviliâ€“Boussinesq equation. <i>Modern Physics Letters B</i> , 2019, 33, 1950296.	1.0	6
93	New Analytical Solutions for Time Fractional Benjamin-Ono Equation Arising Internal Waves in Deep Water. <i>China Ocean Engineering</i> , 2019, 33, 593-600.	0.6	12
94	On the higher order Heisenberg supermagnet model in (2+1)-dimensions. <i>Chaos, Solitons and Fractals</i> , 2019, 118, 94-105.	2.5	2
95	Resonant multi-soliton solutions to new (3+1)-dimensional Jimboâ€“Miwa equations by applying the linear superposition principle. <i>Nonlinear Dynamics</i> , 2019, 96, 459-464.	2.7	61
96	Dark solitonic interactions for the (3â€“+â€“1)-dimensional coupled nonlinear SchrÃ¶dinger equations in nonlinear optical fibers. <i>Optics and Laser Technology</i> , 2019, 113, 462-466.	2.2	35
97	Lie symmetries, conservation laws and solitons for the AB system with time-dependent coefficients in nonlinear optics or fluid mechanics. <i>Pramana - Journal of Physics</i> , 2019, 93, 1.	0.9	15
98	Lax pair, Darboux transformation, vector rational and semi-rational rogue waves for the three-component coupled Hirota equations in an optical fiber. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	13
99	Dark breather waves, dark lump waves and lump waveâ€“soliton interactions for a (3+1)-dimensional generalized Kadomtsevâ€“Petviashvili equation in a fluid. <i>Computers and Mathematics With Applications</i> , 2019, 78, 166-177.	1.4	60
100	Resonant multi-soliton solutions to the (2 + 1)-dimensional Sawadaâ€“Kotera equations via the simplified form of the linear superposition principle. <i>Physica Scripta</i> , 2019, 94, 085218.	1.2	21
101	Breathers and rogue waves on the periodic background for the Gerdjikov-Ivanov equation for the AlfvÃ©n waves in an astrophysical plasma. <i>Chaos, Solitons and Fractals</i> , 2019, 120, 259-265.	2.5	66
102	On multiple soliton similaritonâ€“pair solutions, conservation laws via multiplier and stability analysis for the Whithamâ€“Broerâ€“Kaup equations in weakly dispersive media. <i>Mathematical Methods in the Applied Sciences</i> , 2019, 42, 2455-2464.	1.2	19
103	Darboux transformations and rogue wave solutions of a generalized AB system for the geophysical flows. <i>Applied Mathematics Letters</i> , 2019, 88, 201-208.	1.5	112
104	Vector breathers with the negatively coherent coupling in a weakly birefringent fiber. <i>Wave Motion</i> , 2019, 84, 68-80.	1.0	21
105	Novel nonlinear wave equation: Regulated rogue waves and accelerated soliton solutions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019, 383, 985-990.	0.9	19
106	Periodic, breather and rogue wave solutions for a generalized (3+1)-dimensional variable-coefficient B-type Kadomtsevâ€“Petviashvili equation in fluid dynamics. <i>Applied Mathematics Letters</i> , 2019, 94, 126-132.	1.5	60
107	Bilinear formalism, lump solution, lumpoff and instanton/rogue wave solution of a (3+1)-dimensional B-type Kadomtsevâ€“Petviashvili equation. <i>Nonlinear Dynamics</i> , 2019, 95, 3005-3017.	2.7	43
108	Conservation laws, binary Darboux transformations and solitons for a higher-order nonlinear SchrÃ¶dinger system. <i>Chaos, Solitons and Fractals</i> , 2019, 118, 337-346.	2.5	70

#	ARTICLE	IF	CITATIONS
109	Influence of damping effects on the propagation of magnetic waves in ferrites. <i>Chaos, Solitons and Fractals</i> , 2019, 119, 203-209.	2.5	16
110	Solitons to rogue waves transition, lump solutions and interaction solutions for the (3+1)-dimensional generalized B-type Kadomtsevâ€“Petviashvili equation in fluid dynamics. <i>International Journal of Computer Mathematics</i> , 2019, 96, 1839-1848.	1.0	20
111	Analytic rogue wave solutions for a generalized fourth-order Boussinesq equation in fluid mechanics. <i>Mathematical Methods in the Applied Sciences</i> , 2019, 42, 39-48.	1.2	55
112	Localized waves for the mixed coupled Hirota equations in an optical fiber. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019, 70, 181-192.	1.7	12
113	Lax pair, infinitely-many conservation laws and soliton solutions for a set of the time-dependent Whitham-Broer-Kaup equations for the shallow water. <i>Waves in Random and Complex Media</i> , 2019, 29, 19-33.	1.6	1
114	Resonant multiple wave solutions, complexiton solutions and rogue waves of a generalized (3+1)-dimensional nonlinear wave in liquid with gas bubbles. <i>Waves in Random and Complex Media</i> , 2020, 30, 470-480.	1.6	20
115	Lax pair, binary Darboux transformations and dark-soliton interaction of a fifth-order defocusing nonlinear Schrödinger equation for the attosecond pulses in the optical fiber communication. <i>Waves in Random and Complex Media</i> , 2020, 30, 389-402.	1.6	60
116	Solitons in the presence of a small, slowly varying perturbation. <i>Applicable Analysis</i> , 2020, 99, 2258-2279.	0.6	1
117	Vector semirational rogue waves for the coupled nonlinear Schrödinger equations with the higher-order effects in the elliptically birefringent optical fiber. <i>Waves in Random and Complex Media</i> , 2020, 30, 65-80.	1.6	7
118	A study on resonant multi-soliton solutions to the (2+1)-dimensional Hirotaâ€“Satsumaâ€“Ito equations via the linear superposition principle. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2020, 190, 111592.	0.6	57
119	Exact solitary wave solutions to the (2 + 1)-dimensional generalised Camassaâ€“Holmâ€“Kadomtsevâ€“Petviashvili equation. <i>Pramana - Journal of Physics</i> , 2020, 94, 1.	0.9	24
120	Exact solutions to the (2 + 1)-Dimensional Heisenberg ferromagnetic spin chain equation by using modified simple equation and improve F-expansion methods. <i>Physics Open</i> , 2020, 5, 100027.	0.7	43
121	An effective approach for constructing novel KP-like equations. <i>Waves in Random and Complex Media</i> , 2022, 32, 629-640.	1.6	7
122	Dynamics of localized waves and interaction solutions for the (3+1)-dimensional B-type Kadomtsevâ€“Petviashviliâ€“Boussinesq equation. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	12
123	Lump-type, breather and interaction solutions to the (3+1)-dimensional generalized KdV-type equation. <i>Modern Physics Letters B</i> , 2020, 34, 2050329.	1.0	16
124	Construction of rogue waves and conservation laws of the complex coupled Kadomtsevâ€“Petviashvili equation. <i>International Journal of Modern Physics B</i> , 2020, 34, 2050115.	1.0	11
125	Novel curved lump and topological solitons of integrable (2+1) dimensional KMN equation. <i>Optik</i> , 2020, 219, 165194.	1.4	6
126	Extended generalized Darboux transformation to hybrid rogue wave and breather solutions for a nonlinear Schrödinger equation. <i>Applied Mathematics and Computation</i> , 2020, 386, 125469.	1.4	98



#	ARTICLE	IF	CITATIONS
127	Nonlocal symmetries, Bäcklund transformation and interaction solutions for the integrable Boussinesq equation. <i>Modern Physics Letters B</i> , 2020, 34, 2050288.	1.0	13
128	Bilinear form, solitons, breathers and lumps of a $(3+1)$ -dimensional generalized Konopelchenko–Dubrovsky–Kaup–Kupershmidt equation in ocean dynamics, fluid mechanics and plasma physics. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	65
129	Computational simulations of the couple Boiti–Leon–Pempinelli (BLP) system and the $(3+1)$ -dimensional Kadomtsev–Petviashvili (KP) equation. <i>AIP Advances</i> , 2020, 10, .	0.6	28
130	Various exact analytical solutions of a variable-coefficient Kadomtsev–Petviashvili equation. <i>Nonlinear Dynamics</i> , 2020, 100, 2739-2751.	2.7	19
131	Lie group analysis and invariant solutions of $(3+1)$ -dimensional B-type Kadomtsev–Petviashvili–Boussinesq equation. <i>Modern Physics Letters B</i> , 2020, 34, 2050106.	1.0	4
132	Lump, mixed lump-kink, breather and rogue waves for a B-type Kadomtsev-Petviashvili equation. <i>Waves in Random and Complex Media</i> , 2021, 31, 101-116.	1.6	6
133	Magneto-optical/ferromagnetic-material computation: Bäcklund transformations, bilinear forms and $N$ solitons for a generalized $(3+1)$ -dimensional variable-coefficient modified Kadomtsev–Petviashvili system. <i>Applied Mathematics Letters</i> , 2021, 111, 106627.	1.5	54
134	Elliptic function soliton solutions of the higher-order nonlinear dispersive Kundu–Eckhaus dynamical equation with applications and stability. <i>Indian Journal of Physics</i> , 2021, 95, 691-704.	0.9	0
135	Multi-complexiton solutions of the $(2+1)$ -dimensional asymmetrical Nizhnik-Novikov-Veselov equation. <i>Thermal Science</i> , 2021, 25, 2043-2049.	0.5	1
136	Lump solutions for the dimensionally reduced variable coefficient B-type Kadomtsev-Petviashvili equation. <i>Thermal Science</i> , 2021, 25, 1397-1400.	0.5	0
137	Integrability aspects and some abundant solutions for a new $(4 + 1)$ -dimensional KdV-like equation. <i>International Journal of Modern Physics B</i> , 2021, 35, 2150079.	1.0	11
138	Bäcklund transformation and some different types of $N$ -soliton solutions to the $(3+1)$ -dimensional generalized nonlinear evolution equation for the shallow-water waves. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 11307-11323.	1.2	21
139	Interaction of multiple superposition solutions for the $(4 + 1)$ -dimensional Boiti-LeonManna-Pempinelli equation. <i>Nonlinear Dynamics</i> , 2021, 105, 717-734.	2.7	9
140	On novel resonant multi-soliton and wave solutions to the $(3+1)$ -dimensional CSWE equation via three effective approaches. <i>Results in Physics</i> , 2021, 26, 104421.	2.0	11
141	Stripe solitons and lump solutions to a generalized $(3+1)$ -dimensional B-type Kadomtsev-Petviashvili equation with variable coefficients in fluid dynamics. <i>Journal of Mathematical Analysis and Applications</i> , 2021, 502, 125198.	0.5	10
142	Bäcklund transformations, kink soliton, breather- and travelling-wave solutions for a $(3+1)$ -dimensional B-type Kadomtsev–Petviashvili equation in fluid dynamics. <i>Chinese Journal of Physics</i> , 2021, 73, 600-612.	2.0	49
143	Immeasurable soliton solutions and enhanced $(G'/G)$ -expansion method. <i>Physics Open</i> , 2021, 9, 100086.	0.7	21
144	Construction of abundant solutions for two kinds of $(3+1)$ -dimensional equations with time-dependent coefficients. <i>Nonlinear Dynamics</i> , 2021, 103, 1817-1829.	2.7	13

#	ARTICLE	IF	CITATIONS
145	Exact optical solutions for the regularized long-wave Kadomtsev-Petviashvili equation. <i>Physica Scripta</i> , 2020, 95, 105208.	1.2	8
146	N-wave and other solutions to the B-type Kadomtsev-Petviashvili equation. <i>Thermal Science</i> , 2019, 23, 2027-2035.	0.5	11
147	Integrability and lump-type solutions to the 3-D Kadomtsev-Petviashvili-Boussinesq-like equation. <i>Thermal Science</i> , 2019, 23, 2373-2380.	0.5	2
148	Solitons for the (3+1)-dimensional coupled nonlinear Schrödinger equations in the inhomogeneous parity-time-symmetric coupler with gain or loss. <i>Optical Engineering</i> , 2017, 56, 1.	0.5	0
149	Solitonic interaction and Bäcklund transformation for a generalized inhomogeneous coupled nonlinear Schrödinger system. <i>Optical Engineering</i> , 2017, 56, 1.	0.5	2
150	Breather, lump and N-soliton wave solutions of the (2+1)-dimensional coupled nonlinear partial differential equation with variable coefficients. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2022, 106, 106098.	1.7	26
151	Novel hybrid-type solutions for the (3+1)-dimensional generalized Bogoyavlensky-Konopelchenko equation with time-dependent coefficients. <i>Nonlinear Dynamics</i> , 0, , 1.	2.7	14
152	Higher-order mixed localized wave solutions and bilinear auto-Bäcklund transformations for the (3+1)-dimensional generalized Konopelchenko-Dubrovsky-Kaup-Kupershmidt equation. <i>European Physical Journal Plus</i> , 2022, 137, 1.	1.2	7
153	Hybrid solutions of a (3 + 1)-dimensional generalized B-type Kadomtsev-Petviashvili equation. <i>International Journal of Modern Physics B</i> , 0, , .	1.0	0
154	Linear superposition formula of solutions for the extended (3+1)-dimensional shallow water wave equation. <i>Nonlinear Dynamics</i> , 2022, 109, 1019-1032.	2.7	11
155	Similarity reductions for a generalized (3+1)-dimensional variable-coefficient B-type Kadomtsev-Petviashvili equation in fluid dynamics. <i>Chinese Journal of Physics</i> , 2022, 77, 2707-2712.	2.0	31
156	Effect of the free parameters on the Biswas-Arshed model with a unified technique. <i>Chinese Journal of Physics</i> , 2022, 77, 2501-2519.	2.0	9
157	Diverse analytical wave solutions of plasma physics and water wave equations. <i>Results in Physics</i> , 2022, 40, 105834.	2.0	15
158	Bilinear auto-Bäcklund transformations and higher-order breather solutions for the (3+1)-dimensional generalized KdV-type equation. <i>Nonlinear Dynamics</i> , 2022, 110, 1709-1721.	2.7	3
159	Wave Solution Analysis of a Nonlinear Mathematical Model on Fluid Mechanics. <i>Adıyaman University Journal of Science</i> , 0, , .	0.0	0
160	The $N$ -soliton solutions of the (2+1)-dimensional Hirota-Satsuma-Ito equation. <i>Results in Physics</i> , 2022, 43, 106090.	2.0	0
161	Pfaffian, soliton, hybrid and periodic-wave solutions for a (3+1)-dimensional B-type Kadomtsev-Petviashvili equation in fluid mechanics. <i>European Physical Journal Plus</i> , 2023, 138, .	1.2	4
162	Soliton solution and asymptotic analysis of the three-component Hirota-Satsuma coupled KdV equation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2023, 612, 128481.	1.2	1

#	ARTICLE	IF	CITATIONS
163	Multiple soliton and M-lump waves to a generalized B-type Kadomtsevâ€“Petviashvili equation. Results in Physics, 2023, 48, 106402.	2.0	6