

Farrin Payandeh

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Solution of the initial-value problem of first-order nonlinear recursions with homogeneous right-hand sides. Journal of Mathematical Physics, 2022, 63, .	1.1	2
2	Solvable systems of two coupled first-order ODEs with homogeneous cubic polynomial right-hand sides. Journal of Mathematical Physics, 2021, 62, 012701.	1.1	4
3	Solution of the System of Two Coupled First-Order ODEs with Second-Degree Polynomial Right-Hand Sides. Mathematical Physics Analysis and Geometry, 2021, 24, 1.	1.0	3
4	Light ray trajectories in an analog of conformal spacetimes. Heliyon, 2019, 5, e01818.	3.2	0
5	Some algebraically solvable two-dimensional dynamical systems with polynomial interactions. Journal of Physics: Conference Series, 2019, 1275, 012062.	0.4	1
6	Polynomials with multiple zeros and solvable dynamical systems including models in the plane with polynomial interactions. Journal of Mathematical Physics, 2019, 60, 082701.	1.1	4
7	Solvable Systems Featuring 2 Dependent Variables Evolving in Discrete-Time via 2 Nonlinearly-Coupled First-Order Recursion Relations with Polynomial Right-Hand Sides. Journal of Nonlinear Mathematical Physics, 2019, 26, 273.	1.3	3
8	The Relationship Between Complex Quantum Hamiltonian Dynamics and Krein Space Quantization. Springer Proceedings in Physics, 2016, , 345-356.	0.2	0
9	Topological Aharonov-Bohm Effect and Pseudo-Particle Bundles. International Journal of Theoretical Physics, 2016, 55, 4545-4552.	1.2	0
10	Kinematical Properties of Time-Like Trajectories in $R^{\pm 1/4}$ Theory of Gravity. International Journal of Theoretical Physics, 2016, 55, 207-211.	1.2	0
11	Static Spherically Symmetric Vacuum Solution to a $f(R)$ Model of Gravity, Related to Scalar Field Constituents. International Journal of Theoretical Physics, 2016, 55, 202-206.	1.2	0
12	The Hidden Symmetries of Spin-1 Ising Lattice Gas for Usual Quantum Hamiltonians. International Journal of Theoretical Physics, 2016, 55, 861-866.	1.2	0
13	EPR & Klein Paradoxes in Complex Hamiltonian Dynamics and Krein Space Quantization. Journal of Physics: Conference Series, 2015, 626, 012053.	0.4	0
14	Cosmic Evolution of (Anti-)de Sitter Superfluids. International Journal of Theoretical Physics, 2015, 54, 1077-1084.	1.2	0
15	(Anti-)de Sitter Superfluid with Spherical Symmetry. International Journal of Theoretical Physics, 2015, 54, 538-544.	1.2	1
16	Moving Media and Frames in Acoustic Doppler Effect. American Journal of Mechanics and Applications, 2015, 3, 1.	0.3	0
17	Linear Momentum Conservation in the Motion of Electric Charges. American Journal of Physics and Applications, 2015, 3, 60.	0.1	0
18	Kinematical Implications of a New $f(R)$ Theory of Gravity: The Redshift. International Journal of Theoretical Physics, 2014, 53, 228-234.	1.2	0

#	ARTICLE	IF	CITATIONS
19	Zero-Pressure Model and the Corresponding Temporal Evolution of a Time Dependent Cosmological Parameter. International Journal of Theoretical Physics, 2014, 53, 1130-1135.	1.2	0
20	Klein's paradox and quantum Hamiltonian dynamics in complex spacetime. Modern Physics Letters A, 2014, 29, 1450095.	1.2	3
21	Energy Conservation for a Scalar Field in Linear Gravity. International Journal of Theoretical Physics, 2013, 52, 3150-3156.	1.2	0
22	Field Equations due to a Constant Modification in General Relativity. International Journal of Theoretical Physics, 2013, 52, 919-924.	1.2	3
23	Field Equations for a New $f(R)$ Model of Gravity, Related to Scalar Field Constituents. International Journal of Theoretical Physics, 2013, 52, 4519-4523.	1.2	3
24	Probing EoS and Correspondences to the Agegraphic Dark Energy Through a New $f(R)$ Model of Gravity. International Journal of Theoretical Physics, 2013, 52, 4562-4568.	1.2	2
25	Determination of the Effective Energy due to a Constant Modification in General Relativity. International Journal of Theoretical Physics, 2013, 52, 3467-3473.	1.2	1
26	Vacuum Domination in a Positively Curved Isotropic Universe. International Journal of Theoretical Physics, 2013, 52, 2284-2295.	1.2	3
27	Non-relativistic Geodesic Behaviors for a Massive Charged Particle Falling in de Sitter Spacetime. International Journal of Theoretical Physics, 2013, 52, 531-538.	1.2	1
28	Isotropic Reissner-Nordström Geometry and the Corresponding Gravitational Redshift. International Journal of Theoretical Physics, 2013, 52, 3313-3318.	1.2	4
29	A Krein quantization approach to Klein paradox. Chinese Physics C, 2013, 37, 113103.	3.7	3
30	R ² theory of gravity. Journal of Physics: Conference Series, 2013, 442, 012053.	0.4	0
31	A brief review on the problem of divergence in Krein space quantization. Fortschritte Der Physik, 2012, 60, 1086-1092.	4.4	4
32	Spherical Solutions due to the Exterior Geometry of a Charged Weyl Black Hole. International Journal of Theoretical Physics, 2012, 51, 2227-2236.	1.2	15
33	Krein Space Quantization of Casimir Effect for a Spherical Shell. , 2012, 2012, 1-5.		5
34	Is it Possible to Find a Probable Solution for the Problem of Divergence in QFT?. Journal of Physics: Conference Series, 2011, 306, 012054.	0.4	3
35	Divergent Integrals of QED in Krein Space Quantization. , 2010, , .		1
36	One-loop approximation of Møller scattering in generalized Krein-space quantization. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 212-217.	0.2	13

#	ARTICLE	IF	CITATIONS
37	Krein space quantization of linear gravity in de Sitter spacetime and generalization to QFT. Journal of Physics: Conference Series, 2009, 174, 012056.	0.4	2
38	Field Quantization in Krein space. AIP Conference Proceedings, 2007, , .	0.4	2
39	Explicitly solvable systems of two autonomous first-order Ordinary Differential Equations with homogeneous quadratic right-hand sides. , 0, Volume 1, .		1