

Mladen Pavicic

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	How Secure Are Two-Way Ping-Pong and LM05 QKD Protocols under a Man-in-the-Middle Attack?. Entropy, 2021, 23, 163.	2.2	4
2	Automated generation of Kochen-Specker sets. Scientific Reports, 2019, 9, 6765.	3.3	8
3	Vector generation of contextual sets. EPJ Web of Conferences, 2019, 198, 00009.	0.3	1
4	Hypergraph Contextuality. Entropy, 2019, 21, 1107.	2.2	6
5	Vector Generation of Quantum Contextual Sets in Even Dimensional Hilbert Spaces. Entropy, 2018, 20, 928.	2.2	11
6	Arbitrarily exhaustive hypergraph generation of 4-, 6-, 8-, 16-, and 32-dimensional quantum contextual sets. Physical Review A, 2017, 95, .	2.5	11
7	Mixed basis quantum key distribution with linear optics. Optics Express, 2017, 25, 23545.	3.4	2
8	New classes of Kochen-Specker contextual sets. , 2017, , .		3
9	Classical Logic and Quantum Logic with Multiple and Common Lattice Models. Advances in Mathematical Physics, 2016, 2016, 1-12.	0.8	3
10	Photon counting digital holography. Proceedings of SPIE, 2016, , .	0.8	0
11	Deterministic mediated superdense coding with linear optics. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 848-855.	2.1	2
12	Obtaining massive data sets for contextual experiments in quantum information. , 2014, , .		0
13	In quantum direct communication an undetectable eavesdropper can always tell from $ $ Bell states in the message mode. Physical Review A, 2013, 87, .	2.5	14
14	New Near-Deterministic All-Optical Teleportation, Superdense Coding, and Cryptography Scheme. , 2012, , .		0
15	Probabilistic generation of quantum contextual sets. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 3419-3424.	2.1	15
16	Parity Proofs of the Bell-Kochen-Specker Theorem Based on the 600-cell. Foundations of Physics, 2011, 41, 883-904.	1.3	24
17	Kochenâ€“Specker Sets and Generalized Orthoarguesian Equations. Annales Henri Poincare, 2011, 12, 1417-1429.	1.7	8
18	Near-Deterministic Discrimination of All Bell States with Linear Optics. Physical Review Letters, 2011, 107, 080403.	7.8	12

#	ARTICLE	IF	CITATIONS
19	New class of 4-dim Kochenâ€“Specker sets. Journal of Mathematical Physics, 2011, 52, 022104.	1.1	10
20	ENTANGLEMENT AND SUPERDENSE CODING WITH LINEAR OPTICS. International Journal of Quantum Information, 2011, 09, 1737-1744.	1.1	3
21	Hilbert Lattice Equations. Annales Henri Poincare, 2010, 10, 1335-1358.	1.7	6
22	New Kochenâ€“Specker sets in four dimensions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 2122-2128.	2.1	23
23	Graph approach to quantum systems. Journal of Mathematical Physics, 2010, 51, 102103.	1.1	15
24	Exhaustive generation of orthomodular lattices with exactly one nonquantum state. Reports on Mathematical Physics, 2009, 64, 417-428.	0.8	6
25	Is Quantum Logic a Logic?. , 2009, , 23-47.		11
26	Nondestructive interaction-free atom-photon controlled-NOT gate. Physical Review A, 2007, 75, .	2.5	5
27	Quantum logic and quantum computation. , 2007, , 755-792.		5
28	Kochenâ€“Specker vectors. Journal of Physics A, 2005, 38, 1577-1592.	1.6	57
29	Equivalencies, Identities, Symmetric Differences, and Congruencies in Orthomodular Lattices. International Journal of Theoretical Physics, 2003, 42, 2797-2805.	1.2	7
30	Quantum Implication Algebras. International Journal of Theoretical Physics, 2003, 42, 2807-2822.	1.2	6
31	Deduction, Ordering, and Operations in Quantum Logic. Foundations of Physics, 2002, 32, 357-378.	1.3	8
32	Orthomodular Lattices and a Quantum Algebra. International Journal of Theoretical Physics, 2001, 40, 1387-1410.	1.2	17
33	Quantum Simulators and Quantum Repeaters. Fortschritte Der Physik, 2000, 48, 497-503.	4.4	0
34	Quantum Logic for Quantum Computers. International Journal of Theoretical Physics, 2000, 39, 813-825.	1.2	0
35	Algorithms for Greechie Diagrams. International Journal of Theoretical Physics, 2000, 39, 2381-2406.	1.2	29
36	Realistic Interaction-Free Detection of Objects in a Resonator. Foundations of Physics, 1998, 28, 959-970.	1.3	4

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37	Identity Rule for Classical and Quantum Theories. International Journal of Theoretical Physics, 1998, 37, 2099-2103.	1.2	7
38	Quantum and Classical Implication Algebras with Primitive Implications. International Journal of Theoretical Physics, 1998, 37, 2091-2098.	1.2	12
39	Nonclassical interaction-free detection of objects in a monolithic total-internal-reflection resonator. Journal of the Optical Society of America B: Optical Physics, 1997, 14, 1275.	2.1	23
40	A method for reaching detection efficiencies necessary for optical loophole-free Bell experiments. Optics Communications, 1997, 142, 308-314.	2.1	6
41	Preselected Quantum Optical Correlations. , 1997, , 311-322.		0
42	Resonance interaction-free measurement. International Journal of Theoretical Physics, 1996, 35, 2085-2091.	1.2	22
43	Resonance energy-exchange-free detection and "œwelcher Weg" experiment. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 223, 241-245.	2.1	20
44	Preselection with certainty of photons in a singlet state from a set of independent photons. International Journal of Theoretical Physics, 1995, 34, 1653-1665.	1.2	3
45	Closure of the enhancement and detection loopholes in the Bell theorem by the fourth order interference with photons of different colours. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 209, 255-260.	2.1	6
46	Spin-correlated interferometry with beam splitters: preselection of spin-correlated photons. Journal of the Optical Society of America B: Optical Physics, 1995, 12, 821.	2.1	21
47	Spin-correlated interferometry for polarized and unpolarized photons on a beam splitter. Physical Review A, 1994, 50, 3486-3491.	2.5	19
48	Interferometry with Two Pairs of Spin Correlated Photons. Physical Review Letters, 1994, 73, 3191-3194.	7.8	22
49	On a formal difference between the individual and statistical interpretation of quantum theory. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 174, 353-357.	2.1	5
50	Nonordered quantum logic and its YES-NO representation. International Journal of Theoretical Physics, 1993, 32, 1481-1505.	1.2	11
51	Probabilistic forcing in quantum logics. International Journal of Theoretical Physics, 1993, 32, 1965-1979.	1.2	1
52	A new axiomatization of unified quantum logic. International Journal of Theoretical Physics, 1992, 31, 1753-1766.	1.2	4
53	Bibliography on quantum logics and related structures. International Journal of Theoretical Physics, 1992, 31, 373-455.	1.2	34
54	Quantum Malus law for composite systems as a hidden-variable theory. Physical Review D, 1990, 42, 3594-3595.	4.7	2

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55	Unified quantum logic. Foundations of Physics, 1989, 19, 999-1016.	1.3	9
56	Minimal quantum logic with merged implications. International Journal of Theoretical Physics, 1987, 26, 845-852.	1.2	17
57	Complex gaussians and the Pauli non-uniqueness. Physics Letters, Section A: General, Atomic and Solid State Physics, 1987, 122, 280-282.	2.1	8
58	When do position and momentum distributions determine the quantum mechanical state?. Physics Letters, Section A: General, Atomic and Solid State Physics, 1986, 118, 5-7.	2.1	5