Pavel Pták

List of Publications by Year
in descending order

37 papers	268 citations	933447 10 h-index	996975 15 g-index
38 all docs	38 docs citations	38 times ranked	36 citing authors

#	Article	IF	Citations
1	Almost Boolean orthomodular posets. Journal of Pure and Applied Algebra, 1989, 60, 105-111.	0.6	32
2	Concrete Quantum Logics. International Journal of Theoretical Physics, 2000, 39, 827-837.	1.2	21
3	Enlargements of quantum logics. Pacific Journal of Mathematics, 1988, 135, 361-369.	0.5	21
4	Lattice properties of subspace families in an inner product space. Proceedings of the American Mathematical Society, 2001, 129, 2111-2117.	0.8	19
5	Exotic logics. Colloquium Mathematicum, 1987, 54, 1-7.	0.3	17
6	Some nearly Boolean orthomodular posets. Proceedings of the American Mathematical Society, 1998, 126, 2039-2046.	0.8	16
7	On States on Orthogonally Closed Subspaces of an Inner Product Space. Letters in Mathematical Physics, 2002, 62, 63-70.	1.1	14
8	Orthocomplemented Posets with a Symmetric Difference. Order, 2009, 26, 1-21.	0.5	14
9	Weak dispersion€free states and the hidden variables hypothesis. Journal of Mathematical Physics, 1983, 24, 839-840.	1.1	10
10	States on systems of sets that are closed under symmetric difference. Mathematische Nachrichten, 2015, 288, 1995-2000.	0.8	10
11	Extending Coarse-Grained Measures. Bulletin of the Polish Academy of Sciences Mathematics, 2006, 54, 1-11.	0.3	10
12	Concrete quantum logics with covering properties. International Journal of Theoretical Physics, 1992, 31, 843-854.	1.2	9
13	Two-valued measures on $sigma $-classes. ÄŒasopis Pro PÄ›stovÃ¡nÃ Matematiky, 1983, 108, 225-229.	0.1	8
14	States On Orthocomplemented Difference Posets (Extensions). Letters in Mathematical Physics, 2016, 106, 1131-1137.	1.1	7
15	For n Â 5 There Is No Nontrivial Z2-Measure on L(Rn). International Journal of Theoretical Physics, 2004, 43, 1595-1598.	1.2	6
16	Measures on circle coarse-grained systems of sets. Positivity, 2010, 14, 247-256.	0.7	6
17	Realcompactness and the Notion of Observable. Journal of the London Mathematical Society, 1981, s2-23, 534-536.	1.0	5
18	Jauch-Piron property (everywhere!) in the logicoalgebraic foundation of quantum theories. International Journal of Theoretical Physics, 1993, 32, 1985-1991.	1.2	4

#	Article	IF	Citations
19	On identities in orthocomplemented difference lattices. Mathematica Slovaca, 2010, 60, .	0.6	4
20	On the Farkas lemma and the Hornâ€"Tarski measure-extension theorem. Linear Algebra and Its Applications, 2015, 481, 243-248.	0.9	4
21	Quantum Logics that are Symmetric-difference-closed. International Journal of Theoretical Physics, 2021, 60, 3919-3926.	1.2	4
22	Orthomodular Posets Related to Z 2-Valued States. International Journal of Theoretical Physics, 2014, 53, 3323-3332.	1.2	3
23	Concrete Quantum Logics and Î" -Logics, States and Î" -States. International Journal of Theoretical Physics, 2017, 56, 3852-3859.	1.2	3
24	Quantum logics with classically determined states. Colloquium Mathematicum, 1999, 80, 147-154.	0.3	3
25	Group-valued measures on coarse-grained quantum logics. Czechoslovak Mathematical Journal, 2007, 57, 737-746.	0.3	2
26	Characterization of Boolean Algebras in Terms of Certain States of Jauch-Piron Type. International Journal of Theoretical Physics, 2015, 54, 4476-4481.	1.2	2
27	Quantum logics with the Riesz Interpolation Property. Mathematische Nachrichten, 2004, 271, 10-14.	0.8	1
28	States with values in the Å‚ukasiewicz groupoid. Mathematica Slovaca, 2016, 66, 335-342.	0.6	1
29	Varieties of Orthocomplemented Lattices Induced by Å‚ukasiewicz-Groupoid-Valued Mappings. International Journal of Theoretical Physics, 2017, 56, 4004-4016.	1.2	1
30	On Frink Ideals in Orthomodular Posets. Order, 2021, 38, 245-249.	0.5	1
31	Extending States on Finite Concrete Logics. International Journal of Theoretical Physics, 2005, 44, 1087-1093.	1.2	0
32	Orthocomplemented difference lattices in association with generalized rings. Mathematica Slovaca, 2012, 62, .	0.6	0
33	A note on field-valued measures. Mathematica Slovaca, 2017, 67, 1295-1300.	0.6	0
34	Orthomodular lattices that are $$Z_2$$ Z 2 -rich. Ricerche Di Matematica, 2018, 67, 321-329.	1.0	0
35	Quantum Logics Defined by Divisibility Conditions. International Journal of Theoretical Physics, 2021, 60, 464-467.	1.2	0
36	A Note on Extensions of Non-additive Measures. International Journal of Theoretical Physics, 2021, 60, 512-514.	1.2	0

#	Article	IF	Citations
37	Jauchâ€"Piron states on quantum logics. Journal of Algebra and Its Applications, 2020, 19, 2050017.	0.4	0