

Klaus Keimel

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

877
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686830

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454577

30
g-index

31
all docs

31
docs citations

31
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	\mathbb{D} -completions and the topology. Annals of Pure and Applied Logic, 2009, 159, 292-306.	0.3	56
2	Semantic Domains for Combining Probability and Non-Determinism. Electronic Notes in Theoretical Computer Science, 2009, 222, 3-99.	0.9	38
3	The way-below relation of function spaces over semantic domains. Topology and Its Applications, 1998, 89, 61-74.	0.2	37
4	The probabilistic powerdomain for stably compact spaces. Theoretical Computer Science, 2004, 328, 221-244.	0.5	28
5	Eine Exponentialfunktion für kompakte abelsche Halbgruppen. Mathematische Zeitschrift, 1967, 96, 7-25.	0.4	27
6	A direct proof of the Hofmann-Mislove theorem. Proceedings of the American Mathematical Society, 1994, 120, 301-303.	0.4	25
7	Lokal kompakte Kegelhalbgruppen und deren Einbettung in topologische Vektorräume. Mathematische Zeitschrift, 1967, 99, 405-428.	0.4	19
8	Measure extension theorems for \mathbb{D} -completions. <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x</small>	0.2	18
9	Darstellung von Halbgruppen und universellen Algebren durch Schnitte in Garben; bireguläre Halbgruppen. Mathematische Nachrichten, 1970, 45, 81-96.	0.4	17
10	A Korovkin type approximation theorem for set-valued functions. Proceedings of the American Mathematical Society, 1988, 104, 819-819.	0.4	17
11	Topological cones: functional analysis in a T0-setting. Semigroup Forum, 2008, 77, 109-142.	0.3	14
12	Baer extensions of rings and stone extensions of semigroups. Semigroup Forum, 1971, 2, 55-63.	0.3	11
13	Predicate transformers for extended probability and non-determinism. Mathematical Structures in Computer Science, 2009, 19, 501-539.	0.5	11
14	Topological Cones: Foundations for a Domain Theoretical Semantics Combining Probability and Nondeterminism. Electronic Notes in Theoretical Computer Science, 2006, 155, 423-443.	0.9	10
15	Topologische Darstellung von Verbänden. Mathematische Zeitschrift, 1976, 150, 83-99.	0.4	9
16	Choquet-Kendall-Matheron theorems for non-Hausdorff spaces. Mathematical Structures in Computer Science, 2011, 21, 511-561.	0.5	9
17	Algèbres Commutatives Engendrées Par Leurs Éléments Idempotents. Canadian Journal of Mathematics, 1970, 22, 1071-1078.	0.3	8
18	Locally convex cones and the Schröder-Simpson theorem. Quaestiones Mathematicae, 2012, 35, 353-390.	0.2	8

#	ARTICLE	IF	CITATIONS
19	Congruence relations on cone semigroups. Semigroup Forum, 1971, 3, 130-147.	0.3	6
20	The Cuntz semigroup and domain theory. Soft Computing, 2017, 21, 2485-2502.	2.1	6
21	A cross section theorem for certain compact abelian semigroups. Semigroup Forum, 1970, 1, 254-259.	0.3	5
22	Healthiness Conditions for Predicate Transformers. Electronic Notes in Theoretical Computer Science, 2015, 319, 255-270.	0.9	5
23	Domain Theory its Ramifications and Interactions. Electronic Notes in Theoretical Computer Science, 2017, 333, 3-16.	0.9	5
24	Extending algebraic operations to \mathbb{D} -completions. Theoretical Computer Science, 2012, 430, 73-87.	0.5	3
25	Weak topologies and compactness in asymmetric functional analysis. Topology and Its Applications, 2015, 185-186, 1-22.	0.2	3
26	The Extended Probabilistic Powerdomain Monad over Stably Compact Spaces. Lecture Notes in Computer Science, 2006, , 566-575.	1.0	3
27	Verfeinerungs- und $K\frac{1}{4}$ -Produkte geordneter topologischer Rume und $f\frac{1}{4}$ -Funktionen (-halb-) verbnde. Lecture Notes in Mathematics, 1981, , 20-44.	0.1	2
28	Samuel Wolfenstein in memoriam. Order, 1988, 5, 105-106.	0.3	0