

Pierre Mathonet

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

228
citations

1040056

9
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	A classification of polynomial functions satisfying the Jacobi identity over integral domains. <i>Aequationes Mathematicae</i> , 2017, 91, 601-618.	0.8	0
2	Joint signature of two or more systems with applications to multistate systems made up of two-state components. <i>European Journal of Operational Research</i> , 2017, 263, 559-570.	5.7	34
3	A classification of barycentrically associative polynomial functions. <i>Aequationes Mathematicae</i> , 2015, 89, 1281-1291.	0.8	4
4	On modular decompositions of system signatures. <i>Journal of Multivariate Analysis</i> , 2015, 134, 19-32.	1.0	16
5	Influence and interaction indexes for pseudo-Boolean functions: A unified least squares approach. <i>Discrete Applied Mathematics</i> , 2014, 179, 13-27.	0.9	0
6	On the extensions of Barlow's Proschan importance index and system signature to dependent lifetimes. <i>Journal of Multivariate Analysis</i> , 2013, 115, 48-56.	1.0	14
7	Computing system signatures through reliability functions. <i>Statistics and Probability Letters</i> , 2013, 83, 710-717.	0.7	43
8	A classification of bisymmetric polynomial functions over integral domains of characteristic zero. <i>Aequationes Mathematicae</i> , 2012, 84, 125-136.	0.8	0
9	Symmetric approximations of pseudo-Boolean functions with applications to influence indexes. <i>Applied Mathematics Letters</i> , 2012, 25, 1121-1126.	2.7	2
10	Projectively Equivariant Quantizations over the Superspace $\mathbb{R}^{\{p q\}}$. <i>Letters in Mathematical Physics</i> , 2011, 98, 311-331.	1.1	4
11	A description of n-ary semigroups polynomial-derived from integral domains. <i>Semigroup Forum</i> , 2011, 83, 241-249.	0.6	16
12	Measuring the interactions among variables of functions over the unit hypercube. <i>Journal of Mathematical Analysis and Applications</i> , 2011, 380, 105-116.	1.0	1
13	On signature-based expressions of system reliability. <i>Journal of Multivariate Analysis</i> , 2011, 102, 1410-1416.	1.0	38
14	Weighted Banzhaf power and interaction indexes through weighted approximations of games. <i>European Journal of Operational Research</i> , 2011, 211, 352-358.	5.7	11
15	Extensions of system signatures to dependent lifetimes: Explicit expressions and interpretations. <i>Journal of Multivariate Analysis</i> , 2011, 102, 931-936.	1.0	33
16	Measuring the Interactions among Variables of Functions over the Unit Hypercube. <i>Lecture Notes in Computer Science</i> , 2010, , 19-30.	1.3	1
17	Approximations of Lovász extensions and their induced interaction index. <i>Discrete Applied Mathematics</i> , 2008, 156, 11-24.	0.9	10
18	Reducibility of n-ary semigroups: from quasitriviality towards idempotency. <i>Beitrage Zur Algebra Und Geometrie</i> , 0, , 1.	0.5	1