Pierre Mathonet

List of Publications by Year
in descending order

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