

Katalin Gyarmati

List of Publications by Year in descending order

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44
papers

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all docs

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docs citations

45
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	On an inequality between pseudorandom measures of lattices. <i>Discrete Applied Mathematics</i> , 2021, 300, 9-18.	0.9	0
2	On the Cross-Combined Measure of Families of Binary Lattices and Sequences. <i>Lecture Notes in Computer Science</i> , 2018, , 217-238.	1.3	0
3	On Irregularities of Distribution of Binary Sequences Relative to Arithmetic Progressions, II (Constructive Bounds). <i>Uniform Distribution Theory</i> , 2018, 13, 1-21.	0.2	0
4	On finite pseudorandom binary lattices. <i>Discrete Applied Mathematics</i> , 2017, 216, 589-597.	0.9	5
5	On Irregularities of Distribution of Binary Sequences Relative to Arithmetic Progressions, I. (General) <i>Tj ETQq1 1 0.784314 rgBT /Overlo</i>	0.2	2
6	ON REDUCIBLE AND PRIMITIVE SUBSETS OF \mathbb{F}_p , II. <i>Quarterly Journal of Mathematics</i> , 2015, , hav032.	0.8	0
7	On the complexity of a family of Legendre sequences with irreducible polynomials. <i>Finite Fields and Their Applications</i> , 2015, 33, 175-186.	1.0	2
8	On linear complexity of binary lattices, II. <i>Ramanujan Journal</i> , 2014, 34, 237-263.	0.7	4
9	On the linear complexity of binary lattices. <i>Ramanujan Journal</i> , 2013, 32, 185-201.	0.7	5
10	On the reducibility of large sets of residues modulo p . <i>Journal of Number Theory</i> , 2013, 133, 2374-2397.	0.4	4
11	Density and ramsey type results on algebraic equations with restricted solution sets. <i>Combinatorica</i> , 2012, 32, 425-449.	1.2	24
12	Elliptic curve analogues of a pseudorandom generator. <i>Periodica Mathematica Hungarica</i> , 2012, 64, 119-130.	0.9	1
13	On the correlation of binary sequences, II. <i>Discrete Mathematics</i> , 2012, 312, 811-818.	0.7	5
14	A set of squares without arithmetic progressions. <i>Acta Arithmetica</i> , 2012, 155, 109-115.	0.4	4
15	Measures of pseudorandomness of families of binary lattices, II (A further construction). <i>Publicationes Mathematicae</i> , 2012, 80, 479-502.	0.2	6
16	Concatenation of Legendre symbol sequences. <i>Studia Scientiarum Mathematicarum Hungarica</i> , 2011, 48, 193-204.	0.1	0
17	Measures of pseudorandomness of finite binary lattices, II. (The symmetry measures). <i>Ramanujan Journal</i> , 2011, 25, 155-178.	0.7	4
18	On new measures of pseudorandomness of binary lattices. <i>Acta Mathematica Hungarica</i> , 2011, 131, 346-359.	0.5	2

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19	A superadditivity and submultiplicativity property for cardinalities of sumsets. <i>Combinatorica</i> , 2010, 30, 163-174.	1.2	22
20	Measures of pseudorandomness of finite binary lattices, I. The measures Q_k , normality. <i>Acta Arithmetica</i> , 2010, 144, 295-313.	0.4	6
21	On the complexity of a family related to the Legendre symbol. <i>Periodica Mathematica Hungarica</i> , 2009, 58, 209-215.	0.9	9
22	Concatenation of pseudorandom binary sequences. <i>Periodica Mathematica Hungarica</i> , 2009, 58, 99-120.	0.9	6
23	On the number of divisors which are values of \hat{A} -polynomial. <i>Ramanujan Journal</i> , 2008, 17, 387-403.	0.7	0
24	Equations in finite fields with restricted solution sets. I (Character sums). <i>Acta Mathematica Hungarica</i> , 2008, 118, 129-148.	0.5	15
25	Equations in finite fields with restricted solution sets. II (Algebraic equations). <i>Acta Mathematica Hungarica</i> , 2008, 119, 259-280.	0.5	17
26	Pseudorandom binary sequences and lattices. <i>Acta Arithmetica</i> , 2008, 135, 181-197.	0.4	4
27	Sums and differences of finite sets. <i>Functiones Et Approximatio, Commentarii Mathematici</i> , 2007, 37, .	0.3	4
28	On powers in shifted products. <i>Glasnik Matematički</i> , 2007, 42, 273-279.	0.3	9
29	Double and triple sums modulo a prime. <i>CRM Proceedings & Lecture Notes</i> , 2007, , 271-277.	0.1	1
30	Pseudorandom sequences constructed by the power generator. <i>Periodica Mathematica Hungarica</i> , 2006, 52, 9-26.	0.9	3
31	On the correlation of binary sequences. <i>Studia Scientiarum Mathematicarum Hungarica</i> , 2005, 42, 79-93.	0.1	4
32	Shifted products that are coprime pure powers. <i>Journal of Combinatorial Theory - Series A</i> , 2005, 111, 24-36.	0.8	7
33	On a fast version of a pseudorandom generator. <i>Electronic Notes in Discrete Mathematics</i> , 2005, 21, 291.	0.4	0
34	On linear recursion and pseudorandomness. <i>Acta Arithmetica</i> , 2005, 118, 359-374.	0.4	7
35	On a Pseudorandom Property of Binary Sequences. <i>Ramanujan Journal</i> , 2004, 8, 289-302.	0.7	16
36	On a family of pseudorandom binary sequences. <i>Periodica Mathematica Hungarica</i> , 2004, 49, 45-63.	0.9	42

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37	On generalizations of a problem of Diophantus. Illinois Journal of Mathematics, 2004, 48, .	0.1	16
38	On sums which are powers. Acta Mathematica Hungarica, 2003, 99, 1-24.	0.5	3
39	On shifted products which are powers. Mathematika, 2002, 49, 227-230.	0.5	16
40	On divisibility properties of integers of the form $ab + 1$. Periodica Mathematica Hungarica, 2002, 43, 71-79.	0.9	7
41	On a problem of Diophantus. Acta Arithmetica, 2001, 97, 53-65.	0.4	30
42	The cross-correlation measure for families of binary sequences. , 0, , 126-143.		9
43	Measures of Pseudorandomness. , 0, , .		11
44	Measures of pseudorandomness of families of binary lattices, I (Definitions, a construction using) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50 4	0.2	7