

# A Generalization of a Theorem due to MacNeish

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Citation Report

#	ARTICLE	IF	CITATIONS
1	On the construction of sets of mutually orthogonal Latin squares and the falsity of a conjecture of Euler. Transactions of the American Mathematical Society, 1960, 95, 191-191.	0.9	96
2	Carres latins et eulériens. Revue De L'Institut International De Statistique, 1965, 33, 16.	0.2	2
4	Direct Product of Derived Steiner Systems Using Inversive Planes. Canadian Journal of Mathematics, 1981, 33, 1365-1369.	0.6	2
5	More mutually orthogonal latin squares. Discrete Mathematics, 1982, 39, 263-281.	0.7	79
6	A General Product Construction for Error Correcting Codes. SIAM Journal on Algebraic and Discrete Methods, 1984, 5, 224-228.	0.8	66
7	Construction of Grouped Arrays. Calcutta Statistical Association Bulletin, 1987, 36, 153-164.	0.3	0
8	On Two Products of Fractional Factorial Designs. Calcutta Statistical Association Bulletin, 1989, 38, 203-212.	0.3	0
10	Some new 2-resolvable Steiner quadruple systems. Designs, Codes, and Cryptography, 1994, 4, 5-10.	1.6	55
11	Construction and optimality of affine-resolvable designs. Biometrika, 1995, 82, 187-200.	2.4	26
12	On simple and supersimple transversal designs. Journal of Combinatorial Designs, 2000, 8, 311-320.	0.6	30
13	Problems and algorithms for covering arrays. Discrete Mathematics, 2004, 284, 149-156.	0.7	201
14	New Constructions for IPP Codes. Designs, Codes, and Cryptography, 2005, 35, 227-239.	1.6	26
15	Iteratively decodable codes from orthogonal arrays for optical communication systems. IEEE Communications Letters, 2005, 9, 924-926.	4.1	16
16	Software and Hardware Testing Using Combinatorial Covering Suites. , 2005, , 237-266.		110
17	PMD Compensation using LDPC Coding based Turbo Equalization. , 2007, , .		1
18	PMD Compensation by LDPC-Coded Turbo Equalization. IEEE Photonics Technology Letters, 2007, 19, 1163-1165.	2.5	16
19	Transverse quadruple systems with five holes. Journal of Combinatorial Designs, 2007, 15, 315-340.	0.6	9
20	Ergodic Capacity of LTE Downlink Multiuser MIMO Systems. , 2008, , .		10

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21	Constructions of new orthogonal arrays and covering arrays of strength three. Journal of Combinatorial Theory - Series A, 2010, 117, 236-247.	0.8	59
22	Detecting arrays and their optimality. Acta Mathematica Sinica, English Series, 2011, 27, 2309-2318.	0.6	10
23	Generalized covering designs and clique coverings. Journal of Combinatorial Designs, 2011, 19, 378-406.	0.6	5
24	On the existence of orthogonal arrays $OA_{\lambda}(n, k, v, t)$	0.8	19
25	Optimality and Constructions of Locating Arrays. Journal of Statistical Theory and Practice, 2012, 6, 20-29.	0.5	19
26	A note on connections among criteria for asymmetrical factorials. Metrika, 2012, 75, 23-32.	0.8	2
27	The equivalence between optimal detecting arrays and super-simple OAs. Designs, Codes, and Cryptography, 2012, 62, 131-142.	1.6	18
28	An approach of constructing mixed-level orthogonal arrays of strength $t \leq 3$ . Science China Mathematics, 2013, 56, 1109-1115.	1.7	16
29	Further results on the existence of nested orthogonal arrays. Designs, Codes, and Cryptography, 2013, 67, 233-243.	1.6	1
30	Improved bounds for separating hash families. Designs, Codes, and Cryptography, 2013, 69, 369-382.	1.6	8
31	A construction for $t$ -fold perfect authentication codes with arbitration. Designs, Codes, and Cryptography, 2014, 73, 781-790.	1.6	2
32	Existence of super-simple $OA_{\lambda}(n, k, v, t)$ . Designs, Codes, and Cryptography, 2014, 72, 369-380.	1.6	5
33	A tight bound for frameproof codes viewed in terms of separating hash families. Designs, Codes, and Cryptography, 2014, 72, 713-718.	1.6	7
35	A construction of $t$ -fold perfect splitting authentication codes with equal deception probabilities. Cryptography and Communications, 2015, 7, 207-215.	1.4	1
36	Optimum detecting arrays for independent interaction faults. Acta Mathematica Sinica, English Series, 2016, 32, 199-212.	0.6	6
37	A construction and decomposition of orthogonal arrays with non-prime-power numbers of symbols on the complement of a Baer subplane. Designs, Codes, and Cryptography, 2016, 80, 283-294.	1.6	2
38	Optimum super-simple mixed covering arrays of type $(t, k, v, \lambda)$ . Acta Mathematica Sinica, English Series, 2017, 33, 153-164.	0.6	5
39	Covering Arrays on Product Graphs. Graphs and Combinatorics, 2017, 33, 635-652.	0.4	3

#	ARTICLE	IF	CITATIONS
40	Constructions of augmented orthogonal arrays. <i>Journal of Combinatorial Designs</i> , 2018, 26, 547-559.	0.6	2
41	Arrays for combinatorial interaction testing: a review on constructive approaches. <i>Japanese Journal of Statistics and Data Science</i> , 2019, 2, 641-667.	1.2	5
42	On $(t, \lambda)$ -fold perfect authentication and secrecy codes with arbitration. <i>Designs, Codes, and Cryptography</i> , 2019, 87, 2003-2026.	1.6	0
43	Consecutive Detecting Arrays for Interaction Faults. <i>Graphs and Combinatorics</i> , 2020, 36, 1203-1218.	0.4	1
44	A Construction of Variable Strength Covering Arrays. <i>Acta Mathematicae Applicatae Sinica</i> , 2021, 37, 240-250.	0.7	1
45	Mixed Orthogonal Arrays, $k$ -Dimensional $M$ -Part Sperner Multifamilies, and Full Multitransversals. <i>Lecture Notes in Computer Science</i> , 2013, , 371-401.	1.3	1
46	On the Construction of Sets of Mutually Orthogonal Latin Squares and the Falsity of a Conjecture of Euler. <i>Transactions of the American Mathematical Society</i> , 1960, 95, 191.	0.9	10
47	Small Group Divisible Steiner Quadruple Systems. <i>Electronic Journal of Combinatorics</i> , 2008, 15, .	0.4	4
48	Row-column factorial designs with strength at least 2. <i>Linear Algebra and Its Applications</i> , 2023, 667, 44-70.	0.9	1
49	New results on orthogonal arrays $OA(3, 5, 4, \lambda \in \{2\})$ . <i>Journal of Combinatorial Theory - Series A</i> , 2024, 204, 105864.	0.8	0