Total domination in graphs

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Citation Report

#	Article	IF	Citations
1	Dominating sets for split and bipartite graphs. Information Processing Letters, 1984, 19, 37-40.	0.6	132
2	A note on total domination. Discrete Mathematics, 1984, 49, 7-13.	0.7	40
3	On the Algorithmic Complexity of Total Domination. SIAM Journal on Algebraic and Discrete Methods, 1984, 5, 420-425.	0.8	87
4	Dominating sets and domatic number of circular arc graphs. Discrete Applied Mathematics, 1985, 12, 203-213.	0.9	51
5	Total domination in interval graphs. Information Processing Letters, 1986, 23, 131-134.	0.6	44
6	Gallai theorems for graphs, hypergraphs, and set systems. Discrete Mathematics, 1988, 72, 35-47.	0.7	16
7	Dominating sets in social network graphs. Mathematical Social Sciences, 1988, 16, 267-279.	0.5	39
8	Total Domination and Irredundance in Weighted Interval Graphs. SIAM Journal on Discrete Mathematics, 1988, 1, 317-327.	0.8	43
9	Gallai Theorems for Graphs, Hypergraphs, and Set Systems. Annals of Discrete Mathematics, 1988, 38, 35-47.	1.4	1
10	A note on the Hamiltonian Circuit Problem on directed path graphs. Information Processing Letters, 1989, 32, 167-170.	0.6	12
11	Regular totally domatically full graphs. Discrete Mathematics, 1990, 86, 71-79.	0.7	7
12	Dominating cliques in graphs. Discrete Mathematics, 1990, 86, 101-116.	0.7	48
13	The least point covering and domination numbers of a graph. Discrete Mathematics, 1990, 86, 137-142.	0.7	6
14	Bibliography on domination in graphs and some basic definitions of domination parameters. Discrete Mathematics, 1990, 86, 257-277.	0.7	98
15	Regular Totally Domatically Full Graphs. Annals of Discrete Mathematics, 1991, 48, 71-79.	1.4	2
16	The Least Point Covering and Domination Numbers of a Graph. Annals of Discrete Mathematics, 1991, , 137-142.	1.4	0
17	Bibliography on Domination in Graphs and Some Basic Definitions of Domination Parameters. Annals of Discrete Mathematics, 1991, , 257-277.	1.4	5
18	Dominating Cliques in Graphs. Annals of Discrete Mathematics, 1991, , 101-116.	1.4	2

ATION REDO

ARTICLE IF CITATIONS # Domatic Number of a Graph and its Variants (Extended Abstract). Annals of Discrete Mathematics, 1992, 19 1.4 1 , 363-369. Incorporating negative-weight vertices in certain vertex-search graph algorithms. Information Processing Letters, 1992, 42, 293-294. The sequence of upper and lower domination, independence and irredundance numbers of a graph. 21 0.7 17 Discrete Mathematics, 1993, 122, 89-102. Bounds relating generalized domination parameters. Discrete Mathematics, 1993, 120, 93-105. Universal minimal total dominating functions in graphs. Networks, 1994, 24, 83-90. 23 2.7 14 Convexity of minimal total dominating functions in graphs. Lecture Notes in Computer Science, 1995, , 1.3 357-365. 25 Universal minimal total dominating functions of trees. Discrete Mathematics, 1995, 140, 287-290. 0.7 4 Nordhaus-Gaddum inequalities for domination in graphs. Discrete Mathematics, 1996, 155, 99-105. 26 56 27 The diversity of domination. Discrete Mathematics, 1996, 161, 161-173. 0.7 13 Least domination in a graph. Discrete Mathematics, 1996, 150, 115-122. Interpolation theorems for domination numbers of a graph. Discrete Mathematics, 1998, 191, 207-221. 29 0.7 1 An algorithm for prescribed multiple domination in arbitrary graphs. Computers and Mathematics With Application's, 1998, 35, 109-115. On the algorithmic complexity of twelve covering and independence parameters of graphs. Discrete $\mathbf{31}$ 0.9 35 Applied Mathematics, 1999, 91, 155-175. The cototal domination number of a graph. Journal of Discrete Mathematical Sciences and 0.8 Cryptography, 1999, 2, 179-184. Total domination in graphs with minimum degree three. Journal of Graph Theory, 2000, 34, 9-19. 33 0.9 49 Graphs with large total domination number. Journal of Graph Theory, 2000, 35, 21-45. 79 Inequalities involving independence domination, f-domination, connected and total f-domination 35 0.3 2 numbers. Czechoslovak Mathematical Journal, 2000, 50, 321-330. On the complexity of sign-nonsingularity and equal unions of sets., 2000, , .

#	Article	IF	CITATIONS
37	Some results on universal minimal total dominating functions. Acta Mathematicae Applicatae Sinica, 2001, 17, 165-172.	0.7	1
38	Bounds on the Distance Two-Domination Number of a Graph. Graphs and Combinatorics, 2002, 18, 667-675.	0.4	17
39	Efficient Open Domination. Electronic Notes in Discrete Mathematics, 2002, 11, 681-691.	0.4	13
40	Total domination in complements of graphs containing no K4,4. Discrete Mathematics, 2002, 254, 143-151.	0.7	1
41	Total domination supercritical graphs with respect to relative complements. Discrete Mathematics, 2002, 258, 361-371.	0.7	2
42	Domination in generalized Petersen graphs. Czechoslovak Mathematical Journal, 2002, 52, 11-16.	0.3	13
43	Domination in Bipartite Graphs and in Their Complements. Czechoslovak Mathematical Journal, 2003, 53, 241-247.	0.3	2
44	Upper total domination in claw-free graphs. Journal of Graph Theory, 2003, 44, 148-158.	0.9	22
45	Strong equality of domination parameters in trees. Discrete Mathematics, 2003, 260, 77-87.	0.7	19
46	H-forming sets in graphs. Discrete Mathematics, 2003, 262, 159-169.	0.7	11
47	Total domination excellent trees. Discrete Mathematics, 2003, 263, 93-104.	0.7	7
48	Total domination and least domination in a tree. Discrete Mathematics, 2003, 265, 401-404.	0.7	2
49	Stratification and domination in graphs. Discrete Mathematics, 2003, 272, 171-185.	0.7	17
50	Vertices contained in all or in no minimum total dominating set of a tree. Discrete Mathematics, 2003, 260, 37-44.	0.7	26
51	Characterization of Graphs G for which. Electronic Notes in Discrete Mathematics, 2003, 15, 198-200.	0.4	0
52	Signed total domination in graphs. Discrete Mathematics, 2004, 278, 109-125.	0.7	42
53	The diameter of total domination vertex critical graphs. Discrete Mathematics, 2004, 286, 255-261.	0.7	43
54	Total domination subdivision numbers of trees. Discrete Mathematics, 2004, 286, 195-202.	0.7	19

#	Article	IF	CITATIONS
55	Restricted total domination in graphs. Discrete Mathematics, 2004, 289, 25-44.	0.7	22
56	Paired-Domination in Claw-Free Cubic Graphs. Graphs and Combinatorics, 2004, 20, 447-456.	0.4	65
57	On the computational complexity of upper total domination. Discrete Applied Mathematics, 2004, 136, 13-22.	0.9	6
58	Maximum sizes of graphs with given domination parameters. Discrete Mathematics, 2004, 281, 137-148.	0.7	29
59	Relating the size of a connected graph to its total and restricted domination numbers. Discrete Mathematics, 2004, 283, 205-216.	0.7	23
60	Dynamic programming algorithms for the conditional covering problem on path and extended star graphs. Networks, 2005, 46, 177-185.	2.7	6
61	A linear Vizing-like relation relating the size and total domination number of a graph. Journal of Graph Theory, 2005, 49, 285-290.	0.9	22
62	Remarks on restrained domination and total restrained domination in graphs. Czechoslovak Mathematical Journal, 2005, 55, 393-396.	0.3	16
63	Simultaneous stratification and domination in graphs with minimum degree two. Quaestiones Mathematicae, 2006, 29, 313-328.	0.6	4
64	Simultaneous graph parameters: Factor domination and factor total domination. Discrete Mathematics, 2006, 306, 2229-2233.	0.7	5
65	On domination parameters and maximum degree of a graph. Journal of Discrete Mathematical Sciences and Cryptography, 2006, 9, 215-223.	0.8	1
66	Complementary total domination in graphs. Journal of Discrete Mathematical Sciences and Cryptography, 2007, 10, 505-516.	0.8	5
67	Upper total domination versus upper paired-domination. Quaestiones Mathematicae, 2007, 30, 1-12.	0.6	24
68	A Transition from Total Domination in Graphs to Transversals in Hypergraphs. Quaestiones Mathematicae, 2007, 30, 417-436.	0.6	23
69	Relationships between total domination, order, size, and maximum degree of graphs. Journal of Graph Theory, 2007, 55, 325-337.	0.9	20
70	The total domination and total bondage numbers of extended de Bruijn and Kautz digraphs. Computers and Mathematics With Applications, 2007, 53, 1206-1213.	2.7	15
71	Total domination number of the conjunction of graphs. Discrete Mathematics, 2007, 307, 1016-1020.	0.7	3
72	On equality in an upper bound for the restrained and total domination numbers of a graph. Discrete Mathematics, 2007, 307, 2845-2852.	0.7	28

	Сітатіо	n Report	
#	Article	IF	Citations
73	Roman dominating influence parameters. Discrete Mathematics, 2007, 307, 3194-3200.	0.7	10
74	Total restrained domination numbers of trees. Discrete Mathematics, 2008, 308, 44-50.	0.7	10
75	Total restrained domination in graphs with minimum degree two. Discrete Mathematics, 2008, 308, 1909-1920.	0.7	26
76	Total domination and total domination subdivision number of a graph and its complement. Discrete Mathematics, 2008, 308, 4018-4023.	0.7	17
77	On the upper total domination number of Cartesian products of graphs. Journal of Combinatorial Optimization, 2008, 16, 68-80.	1.3	18
78	Total domination in partitioned trees and partitioned graphs with minimum degree two. Journal of Global Optimization, 2008, 41, 385-399.	1.8	1
79	Total Domination in Graphs with Given Girth. Graphs and Combinatorics, 2008, 24, 333-348.	0.4	25
80	Hypergraphs with large transversal number and with edge sizes at least 3. Journal of Graph Theory, 2008, 59, 326-348.	0.9	6
81	On matching and total domination in graphs. Discrete Mathematics, 2008, 308, 2313-2318.	0.7	29
82	Total domination in claw-free graphs with minimum degree 2. Discrete Mathematics, 2008, 308, 3213-3219.	0.7	20
83	A characterization of <mml:math <br="" altimg="si2.gif" xmlns:mml="http://www.w3.org/1998/Math/MathML">overflow="scroll"><mml:mo stretchy="false">(<mml:mn>2</mml:mn><mml:mi>γ</mml:mi><mml:mo>,</mml:mo><mml:ms< td=""><td>ub><moontmro< td=""><td>w∕&mml:mi>ĺ</td></moontmro<></td></mml:ms<></mml:mo </mml:math>	ub> <moontmro< td=""><td>w∕&mml:mi>ĺ</td></moontmro<>	w∕&mml:mi>ĺ
84	Bounds on total domination in claw-free cubic graphs. Discrete Mathematics, 2008, 308, 3491-3507.	0.7	34
85	Total domination in 2â€connected graphs and in graphs with no induced 6â€cycles. Journal of Graph Theory, 2009, 60, 55-79.	0.9	32
86	On the total {k}-domination number of Cartesian products of graphs. Journal of Combinatorial Optimization, 2009, 18, 173-178.	1.3	25
87	A New Bound on the Total Domination Subdivision Number. Graphs and Combinatorics, 2009, 25, 41-47.	0.4	7
88	Total Restrained Domination in Cubic Graphs. Graphs and Combinatorics, 2009, 25, 341-350.	0.4	18
89	Matching Properties in Total Domination Vertex Critical Graphs. Graphs and Combinatorics, 2009, 25, 851-861.	0.4	20
90	Vertex and edge covers with clustering properties: Complexity and algorithms. Journal of Discrete Algorithms, 2009, 7, 149-167.	0.7	37

#	Article	IF	CITATIONS
91	Global defensive <mml:math <br="" altimg="si1.gif" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline" overflow="scroll"><mml:mi>k</mml:mi></mml:math> -alliances in graphs. Discrete Applied Mathematics, 2009, 157, 211-218.	0.9	21
92	Upper bounds on the upper signed total domination number of graphs. Discrete Applied Mathematics, 2009, 157, 1098-1103.	0.9	5
93	On total domination vertex critical graphs of high connectivity. Discrete Applied Mathematics, 2009, 157, 1969-1973.	0.9	24
94	A survey of selected recent results on total domination in graphs. Discrete Mathematics, 2009, 309, 32-63.	0.7	226
95	A survey of stratified domination in graphs. Discrete Mathematics, 2009, 309, 5806-5819.	0.7	10
96	A note on dominating sets and average distance. Discrete Mathematics, 2009, 309, 2615-2619.	0.7	9
97	Total domination in planar graphs of diameter two. Discrete Mathematics, 2009, 309, 6181-6189.	0.7	18
98	Minus total domination in graphs. Czechoslovak Mathematical Journal, 2009, 59, 861-870.	0.3	5
99	A Characterization of Graphs with Disjoint Dominating and Total Dominating Sets. Quaestiones Mathematicae, 2009, 32, 119-129.	0.6	26
100	Properties of total domination edge-critical graphs. Discrete Applied Mathematics, 2010, 158, 147-153.	0.9	4
101	Total domination critical and stable graphs upon edge removal. Discrete Applied Mathematics, 2010, 158, 1587-1592.	0.9	19
102	Total domination stable graphs upon edge addition. Discrete Mathematics, 2010, 310, 3446-3454.	0.7	16
103	Total restrained domination in claw-free graphs. Journal of Combinatorial Optimization, 2010, 19, 60-68.	1.3	16
104	Bounds on Laplacian eigenvalues related to total and signed domination of graphs. Czechoslovak Mathematical Journal, 2010, 60, 315-325.	0.3	3
105	On a conjecture on total domination in claw-free cubic graphs. Discrete Mathematics, 2010, 310, 2984-2999.	0.7	24
106	Some results on matching and total domination in graphs. Applicable Analysis and Discrete Mathematics, 2010, 4, 241-252 On the existence of <mml:math <="" altimg="si11.gif" display="inline" overflow="scroll" td=""><td>0.7</td><td>3</td></mml:math>	0.7	3
108	xmins:xocs= http://www.eisevier.com/xmi/xocs/dtd_xmins: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"	0.7	15
109	xmins:sb="http://www.elsevier.com/xmi/common/struct-bib/dtd" xmins:ce="http://www.elsevie. Discret Perfect Matchings in Total Domination Critical Graphs. Graphs and Combinatorics, 2011, 27, 685-701.	0.4	16

#	Article	IF	CITATIONS
110	Bounds on the locating-total domination number of a tree. Discrete Applied Mathematics, 2011, 159, 769-773.	0.9	39
111	A note on total reinforcement in graphs. Discrete Applied Mathematics, 2011, 159, 1443-1446.	0.9	8
112	Nordhaus–Gaddum bounds for total domination. Applied Mathematics Letters, 2011, 24, 987-990.	2.7	16
113	A lower bound on the total outer-independent domination number of a tree. Comptes Rendus Mathematique, 2011, 349, 7-9.	0.3	6
114	Total domination dot-critical graphs. Discrete Applied Mathematics, 2011, 159, 104-111.	0.9	1
115	Total domination dot-stable graphs. Discrete Applied Mathematics, 2011, 159, 1053-1057.	0.9	1
116	Total domination changing and stable graphs upon vertex removal. Discrete Applied Mathematics, 2011, 159, 1548-1554.	0.9	20
117	The geodetic number of the lexicographic product of graphs. Discrete Mathematics, 2011, 311, 1693-1698.	0.7	20
118	On a conjecture of Murty and Simon on diameter 2-critical graphs. Discrete Mathematics, 2011, 311, 1918-1924.	0.7	25
119	On the existence of total dominating subgraphs with a prescribed additive hereditary property. Discrete Mathematics, 2011, 311, 2095-2101.	0.7	16
120	A proof of a conjecture on diameter 2-critical graphs whose complements are claw-free. Discrete Optimization, 2011, 8, 495-501.	0.9	22
121	EQUITABLE DOMINATION IN GRAPHS. Discrete Mathematics, Algorithms and Applications, 2011, 03, 311-321.	0.6	3
122	Minimum 2-Tuple Dominating Set of an Interval Graph. International Journal of Combinatorics, 2011, 2011, 1-14.	0.2	6
123	The total {k}-domatic number of wheels and complete graphs. Journal of Combinatorial Optimization, 2012, 24, 162-175.	1.3	3
124	Nordhaus-Gaddum results for the convex domination number of a graph. Periodica Mathematica Hungarica, 2012, 65, 125-134.	0.9	4
125	Multiple factor Nordhaus–Gaddum type results for domination and total domination. Discrete Applied Mathematics, 2012, 160, 1137-1142.	0.9	12
126	On the Roman domination in the lexicographic product of graphs. Discrete Applied Mathematics, 2012, 160, 2030-2036.	0.9	26
127	Efficient algorithms for the conditional covering problem. Information and Computation, 2012, 219, 39-57.	0.7	1

	CHAHON	LPORT	
#	ARTICLE The total bondage number of grid graphs. Discrete Applied Mathematics, 2012, 160, 2408-2418.	IF 0.9	Citations
129	Total domination and the Caccetta–HÃggkvist conjecture. Discrete Optimization, 2012, 9, 236-240.	0.9	2
130	Bounds for Domination Parameters in Cayley Graphs on Dihedral Group. Open Journal of Discrete Mathematics, 2012, 02, 5-10.	0.1	5
131	Some Domination Parameters of Direct Product Graphs of Cayley Graphs with Arithmetic Graphs. International Journal of Computer Applications, 2012, 58, 32-38.	0.2	2
132	Total domination in inflated graphs. Discrete Applied Mathematics, 2012, 160, 164-169.	0.9	8
133	On graphs for which the connected domination number is at most the total domination number. Discrete Applied Mathematics, 2012, 160, 1281-1284.	0.9	11
134	The maximum diameter of total domination edge-critical graphs. Discrete Mathematics, 2012, 312, 397-404.	0.7	16
135	On the complexity of the bondage and reinforcement problems. Journal of Complexity, 2012, 28, 192-201.	1.3	29
136	On weighted efficient total domination. Journal of Discrete Algorithms, 2012, 10, 61-69.	0.7	8
137	The total {k}-domatic number of a graph. Journal of Combinatorial Optimization, 2012, 23, 252-260.	1.3	4
138	Minimum 2-tuple dominating set of permutation graphs. Journal of Applied Mathematics and Computing, 2013, 43, 133-150.	2.5	4
139	An Upper Bound for the Total Restrained Domination Number of Graphs. Graphs and Combinatorics, 2013, 29, 1443-1452.	0.4	3
140	On the ratio between 2-domination and total outer-independent domination numbers of trees. Chinese Annals of Mathematics Series B, 2013, 34, 765-776.	0.4	1
141	Bounds on neighborhood total domination in graphs. Discrete Applied Mathematics, 2013, 161, 2460-2466.	0.9	7
142	Algorithmic aspect of stratified domination in graphs. Information Processing Letters, 2013, 113, 861-865.	0.6	3
143	A self-stabilizing protocol for minimal weighted dominating sets in arbitrary networks. , 2013, , .		4
144	Edge lifting and total domination in graphs. Journal of Combinatorial Optimization, 2013, 25, 47-59.	1.3	1
145	Equality in a linear Vizing-like relation that relates the size and total domination number of a graph. Discrete Applied Mathematics, 2013, 161, 2014-2024.	0.9	1

#	Article	IF	Citations
147	Properties of Total Dominating Sets and General Bounds. Springer Monographs in Mathematics, 2013, , 9-17.	0.2	0
148	Complexity and Algorithmic Results. Springer Monographs in Mathematics, 2013, , 19-29.	0.2	1
149	Total Domination in Trees. Springer Monographs in Mathematics, 2013, , 31-38.	0.2	0
150	Total Domination and Minimum Degree. Springer Monographs in Mathematics, 2013, , 39-54.	0.2	2
151	Total Domination in Planar Graphs. Springer Monographs in Mathematics, 2013, , 55-58.	0.2	0
152	Total Domination and Forbidden Cycles. Springer Monographs in Mathematics, 2013, , 59-64.	0.2	0
153	Total Domination and Graph Products. Springer Monographs in Mathematics, 2013, , 103-108.	0.2	1
154	Graphs with Disjoint Total Dominating Sets. Springer Monographs in Mathematics, 2013, , 109-118.	0.2	0
155	Total Domination in Graphs with Diameter Two. Springer Monographs in Mathematics, 2013, , 119-124.	0.2	3
156	Nordhaus–Gaddum Bounds for Total Domination. Springer Monographs in Mathematics, 2013, , 125-129.	0.2	0
157	Variations of Total Domination. Springer Monographs in Mathematics, 2013, , 141-148.	0.2	0
158	A survey of Nordhaus–Gaddum type relations. Discrete Applied Mathematics, 2013, 161, 466-546.	0.9	120
159	Relating the annihilation number and the total domination number of a tree. Discrete Applied Mathematics, 2013, 161, 349-354.	0.9	11
160	Total restrained domination in graphs of diameter 2 or 3. Mathematical Sciences, 2013, 7, 26.	1.7	1
161	Two short proofs on total domination. Discussiones Mathematicae - Graph Theory, 2013, 33, 457.	0.3	1
162	On Bondage Numbers of Graphs: A Survey with Some Comments. International Journal of Combinatorics, 2013, 2013, 1-34.	0.2	14
163	-Tuple Total Restrained Domination in Complementary Prisms. ISRN Combinatorics, 2013, 2013, 1-6.	0.2	0
164	On the I-differential of a graph. Applied Mathematical Sciences, 0, 8, 4397-4404.	0.1	1

		CITATION REPO	ORT	
#	ARTICLE	IF	F	Citations
165	\$\$F_{3}\$\$ -domination problem of graphs. Journal of Combinatorial Optimization, 2014, 28, 4	100-413. 1	.3	2
166	Hardness results and approximation algorithm for total liar's domination in graphs. Journal Combinatorial Optimization, 2014, 27, 643-662.	of 1	.3	6
167	On the total outer-connected domination in graphs. Journal of Combinatorial Optimization, 20 451-461.	14, 27, 1	.3	4
168	Total and paired domination numbers of toroidal meshes. Journal of Combinatorial Optimizatio 2014, 27, 369-378.	on, 1	.3	4
169	On matching and semitotal domination in graphs. Discrete Mathematics, 2014, 324, 13-18.	C).7	28
170	The hub number, girth and Mycielski graphs. Information Processing Letters, 2014, 114, 561-5	63. d).6	1
171	Game-Theoretic Approach to Self-Stabilizing Distributed Formation of Minimal Multi-Dominatir IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 3201-3210.	ıg Sets. 5	.6	9
172	The complexity of finding harmless individuals in social networks. Discrete Optimization, 2014 170-182.	, 14, o).9	5
173	Bounds on weak roman and 2-rainbow domination numbers. Discrete Applied Mathematics, 20 27-32.)14, 178, o).9	31
174	The algorithmic complexity of bondage and reinforcement problems in bipartite graphs. Theore Computer Science, 2014, 535, 46-53.	etical c).9	10
175	On the algorithmic complexity ofk-tuple total domination. Discrete Applied Mathematics, 2014 81-91.	ł, 174, o).9	6
176	Efficient self-stabilizing algorithms for minimal total k-dominating sets in graphs. Information Processing Letters, 2014, 114, 339-343.	C).6	9
177	Graph based approach to the minimum hub problem in transportation network. , 0, , .			0
178	Domination in 4-Regular Graphs with Girth 3. Proceedings of the National Academy of Science Section A - Physical Sciences, 2015, 85, 259-264.	India 1	.2	1
179	Total Transversals in Hypergraphs and Their Applications. SIAM Journal on Discrete Mathematic 29, 309-320.	cs, 2015, 0).8	1
180	Roman and Total Domination. Quaestiones Mathematicae, 2015, 38, 749-757.	C).6	6
181	Efficient approximation algorithms to determine minimum partial dominating sets in social net 2015, , .	works. ,		2
182	Domination Parameters in Coronene Torus Network. Mathematics in Computer Science, 2015	, 9, 169-175. d).4	0

#	Article	IF	CITATIONS
183	An upper bound for the double outer-independent domination number of a tree. Georgian Mathematical Journal, 2015, 22, 105-109.	0.6	1
184	Trees with large neighborhood total domination number. Discrete Applied Mathematics, 2015, 187, 96-102.	0.9	2
185	Perfectly relating the domination, total domination, and paired domination numbers of a graph. Discrete Mathematics, 2015, 338, 1424-1431.	0.7	12
186	Bounds on locating total domination number of the Cartesian product of cycles and paths. Information Processing Letters, 2015, 115, 950-956.	0.6	3
187	Game total domination subdivision number of a graph. Discrete Mathematics, Algorithms and Applications, 2015, 07, 1550023.	0.6	0
188	On a class of graphs between threshold and total domishold graphs. Discrete Applied Mathematics, 2015, 195, 43-58.	0.9	1
189	Total Dominator Colorings and Total Domination in Graphs. Graphs and Combinatorics, 2015, 31, 953-974.	0.4	17
190	Progress on the Murty–Simon Conjecture on diameter-2 critical graphs: a survey. Journal of Combinatorial Optimization, 2015, 30, 579-595.	1.3	5
191	On pairs of disjoint dominating sets in a graph. International Journal of Mathematical Analysis, 2016, 10, 623-637.	0.3	2
192	Dominating sets inducing large components. Discrete Mathematics, 2016, 339, 2715-2720.	0.7	2
193	Total k-Domatic Partition on Some Classes of Graphs. , 2016, , .		1
194	My Favorite Domination Conjectures in Graph Theory Are Bounded. Problem Books in Mathematics, 2016, , 253-271.	0.1	1
195	My Top 10 Graph Theory Conjectures and Open Problems. Problem Books in Mathematics, 2016, , 109-134.	0.1	3
196	Total and paired domination numbers of \$\$C_m\$\$ C m bundles over a cycle \$\$C_n\$\$ C n. Journal of Combinatorial Optimization, 2016, 32, 608-625.	1.3	4
197	Disjunctive total domination in graphs. Journal of Combinatorial Optimization, 2016, 31, 1090-1110.	1.3	21
198	Signed total Roman domination in graphs. Journal of Combinatorial Optimization, 2016, 32, 855-871.	1.3	14
199	Total dominating sequences in graphs. Discrete Mathematics, 2016, 339, 1665-1676.	0.7	17
200	<pre><mml:math altimg="si1.gif" display="inline" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/Math/ML"><mml:mrow><mml:mo>[</mml:mo><mml:mn>1</mml:mn><mml:mo>,</mml:mo><mml:mn> and <mml:math altimg="si1.gif" display="inline" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>[</mml:mo><mml:mn>1</mml:mn><mml:mo>,</mml:mo><mml:mn></mml:mn></mml:mrow></mml:math></mml:mn></mml:mrow></mml:math></pre>	20.9 2 <td>ın><mml:mo 8 ın><mml:mo< td=""></mml:mo<></mml:mo </td>	ın> <mml:mo 8 ın><mml:mo< td=""></mml:mo<></mml:mo

#	Δρτιςι ε	IF	CITATIONS
" 201	Improving a Nordhaus–Gaddum type bound for total domination using an algorithm involving vertex disjoint stars. Discrete Applied Mathematics, 2017, 227, 95-102.	0.9	2
202	Disjunctive total domination in permutation graphs. Discrete Mathematics, Algorithms and Applications, 2017, 09, 1750009.	0.6	2
203	On the independence transversal total domination number of graphs. Discrete Applied Mathematics, 2017, 219, 65-73.	0.9	2
204	A note on α-total domination in cubic graphs. Discrete Applied Mathematics, 2017, 217, 718-721.	0.9	1
205	On Total Roman Domination in Graphs. Lecture Notes in Computer Science, 2017, , 326-331.	1.3	1
206	NP-completeness Results for Partitioning a Graph into Total Dominating Sets. Lecture Notes in Computer Science, 2017, , 333-345.	1.3	3
207	Total k-domination in Cartesian product graphs. Periodica Mathematica Hungarica, 2017, 75, 255-267.	0.9	10
208	Location-domination in line graphs. Discrete Mathematics, 2017, 340, 3140-3153.	0.7	7
209	Graphs with few total dominating sets. Discrete Mathematics, 2018, 341, 997-1009.	0.7	3
210	Total Domination Versus Domination in Cubic Graphs. Graphs and Combinatorics, 2018, 34, 261-276.	0.4	5
211	Thoroughly dispersed colorings. Journal of Graph Theory, 2018, 88, 174-191.	0.9	14
212	The total bondage numbers and efficient total dominations of vertex-transitive graphs. Applied Mathematics and Computation, 2018, 332, 35-41.	2.2	1
213	Essential upper bounds on the total domination number. Discrete Applied Mathematics, 2018, 244, 103-115.	0.9	3
214	Total vertex-edge domination. International Journal of Computer Mathematics, 2018, 95, 1820-1828.	1.8	14

#	Αρτιςι ε	IF	CITATIONS
219	On Three Polynomials of Cyclic Silicate Networks. , 2018, , .		0
221	An Annotated Glossary of Graph Theory Parameters, with Conjectures. Problem Books in Mathematics, 2018, , 177-281.	0.1	5
222	Complexity of k-tuple total and total {k}-dominations for some subclasses of bipartite graphs. Information Processing Letters, 2018, 138, 75-80.	0.6	6
223	Zagreb Indices of Trees, Unicyclic and Bicyclic Graphs With Given (Total) Domination. IEEE Access, 2019, 7, 94143-94149.	4.2	11
224	Total Domination in Regular Graphs. Electronic Notes in Theoretical Computer Science, 2019, 346, 523-533.	0.9	2
225	On total f-domination: Polyhedral and algorithmic results. Discrete Applied Mathematics, 2019, 258, 97-104.	0.9	1
226	On Upper Total Domination Versus Upper Domination in Graphs. Graphs and Combinatorics, 2019, 35, 767-778.	0.4	2
227	Chromatic total domination in graphs. Journal of Discrete Mathematical Sciences and Cryptography, 2019, 22, 745-751.	0.8	2
228	Becoming gatekeepers together with allies. , 2019, , .		1
229	Total and Double Total Domination Number on Hexagonal Grid. Mathematics, 2019, 7, 1110.	2.2	6
230	An optimal algorithm to find minimum k-hop dominating set of interval graphs. Discrete Mathematics, Algorithms and Applications, 2019, 11, 1950016.	0.6	7
231	Bounds on Neighborhood Total Domination Numberin Graphs. Bulletin of the Iranian Mathematical Society, 2019, 45, 1135-1143.	1.0	1
232	Domination cover number of graphs. Discrete Mathematics, Algorithms and Applications, 2019, 11, 1950020.	0.6	0
233	On Computational and Combinatorial Properties of the Total Co-independent Domination Number of Graphs. Computer Journal, 2019, 62, 97-108.	2.4	9
234	On the weak Roman domination number of lexicographic product graphs. Discrete Applied Mathematics, 2019, 263, 257-270.	0.9	13
235	Total <mml:math <br="" display="inline" id="mml1" xmlns:mml="http://www.w3.org/1998/Math/MathML">overflow="scroll" altimg="si1.gif"><mml:mi>k</mml:mi></mml:math> -domination in strong product graphs. Discrete Applied Mathematics. 2019. 263. 51-58.	0.9	10
236	NP-completeness results for partitioning a graph into total dominating sets. Theoretical Computer Science, 2020, 818, 22-31.	0.9	3
237	On disjunctive domination in graphs. Quaestiones Mathematicae, 2020, 43, 149-168.	0.6	3

		CITATION REPORT		
#	Article		IF	CITATIONS
238	Total Roman domatic number of a graph. Asian-European Journal of Mathematics, 2020, 13, 20	50110.	0.5	2
239	Maker–Breaker total domination game. Discrete Applied Mathematics, 2020, 282, 96-107.		0.9	9
240	Topics in Domination in Graphs. Developments in Mathematics, 2020, , .		0.4	54
241	Domination and Total domination in Wrapped Butterfly networks. Procedia Computer Science, 172, 66-70.	2020,	2.0	2
242	The Numerical Invariants concerning the Total Domination for Generalized Petersen Graphs. Jou of Mathematics, 2020, 2020, 1-5.	irnal	1.0	1
243	NP-Completeness of the Independent Dominating Set Problem in the Class of Cubic Planar Bipa Graphs. Journal of Applied and Industrial Mathematics, 2020, 14, 353-368.	ırtite	0.4	2
244	Double hop dominating sets in graphs. Discrete Mathematics, Algorithms and Applications, 202	21, 13, .	0.6	1
245	Domination on hyperbolic graphs. Discrete Mathematics, 2020, 343, 112094.		0.7	1
246	Total edge–vertex domination. RAIRO - Theoretical Informatics and Applications, 2020, 54, 1		0.5	6
247	Captive domination in graphs. Discrete Mathematics, Algorithms and Applications, 2020, 12, 2	050076.	0.6	19
248	More on limited packings in graphs. Journal of Combinatorial Optimization, 2020, 40, 412-430.		1.3	1
249	<i>k</i> -tuple restrained domination in graphs. Quaestiones Mathematicae, 2021, 44, 1023-10	936.	0.6	0
250	More Results on Italian Domination in Cnâ-¡Cm. Mathematics, 2020, 8, 465.		2.2	8
251	Double domination in lexicographic product graphs. Discrete Applied Mathematics, 2020, 284,	290-300.	0.9	13
252	An optimal algorithm to find minimum k-hop connected dominating set of permutation graphs Asian-European Journal of Mathematics, 2021, 14, 2150049.		0.5	1
253	Exact and heuristic algorithms for the weighted total domination problem. Computers and Operations Research, 2021, 127, 105157.		4.0	3
254	Graphs with Diameter 2 and Large Total Domination Number. Graphs and Combinatorics, 2021 271-279.	, 37,	0.4	1
255	Independent transversal total domination versus total domination in trees. Discussiones Mathematicae - Graph Theory, 2021, 41, 213.		0.3	0

#	Article	IF	CITATIONS
256	Semitotal domination number of some graph operations. Numerical Methods for Partial Differential Equations, 0, , .	3.6	0
257	Total and Inverse Domination Numbers of Certain Graphs. IOP Conference Series: Materials Science and Engineering, 0, 1012, 012066.	0.6	Ο
258	On the domination number of a graph and its shadow graph. Discrete Mathematics, Algorithms and Applications, 0, , 2150074.	0.6	1
259	Amnesiac Flooding: Synchronous Stateless Information Dissemination. Lecture Notes in Computer Science, 2021, , 59-73.	1.3	3
260	On graphs with equal total domination and Grundy total domination numbers. Aequationes Mathematicae, 2022, 96, 137-146.	0.8	3
261	Total domination in various bipolar fuzzy graphs. Materials Today: Proceedings, 2021, 47, 2107-2112.	1.8	Ο
262	On the total and strong version for Roman dominating functions in graphs. Aequationes Mathematicae, 2021, 95, 215-236.	0.8	1
263	Efficient Approximation Algorithms for Minimum Dominating Sets in Social Networks. , 2021, , 1120-1153.		0
264	Nordhaus–Gaddum type results for connected and total domination. RAIRO - Operations Research, 2021, 55, S853-S862.	1.8	0
265	Trees with the total domination number twice the distance-2 domination number. International Journal of Contemporary Mathematical Sciences, 2021, 16, 53-60.	0.3	Ο
266	Bounds for complete cototal domination number of Cartesian product graphs and complement graphs. Discrete Mathematics, Algorithms and Applications, 0, , 2150090.	0.6	0
267	Equality co-neighborhood domination in graphs. Discrete Mathematics, Algorithms and Applications, 2022, 14, .	0.6	6
268	Total Roman {3}-Domination: The Complexity and Linear-Time Algorithm for Trees. Mathematics, 2021, 9, 293.	2.2	0
269	On resolving total dominating set of sunlet graphs. Journal of Physics: Conference Series, 2021, 1832, 012020.	0.4	0
271	Complexity and bounds for disjunctive total bondage. Theoretical Computer Science, 2021, 865, 44-51.	0.9	0
272	Total Roman 2 -Reinforcement of Graphs. Journal of Mathematics, 2021, 2021, 1-7.	1.0	2
273	A continuous generalization of domination-like invariants. Journal of Combinatorial Optimization, 2021, 41, 905-922.	1.3	0
274	Asymptotic bounds on total domination in regular graphs. Discrete Mathematics, 2021, 344, 112287.	0.7	1

ARTICLE IF CITATIONS # Towards efficient local search for the minimum total dominating set problem. Applied Intelligence, 275 5.3 2 2021, 51, 8753-8767. Further Progress on the Total Roman \$\${2}\$\$-Domination Number of Graphs. Bulletin of the Iranian 276 1.0 Mathematical Society, 0, , 1. Inverse Equality Co-Neighborhood Domination in Graphs. Journal of Physics: Conference Series, 2021, 277 0.4 1 1879, 032036. Regular Domination in Various Fuzzy Graphs. Journal of Physics: Conference Series, 2021, 1947, 012054. 278 0.4 A novel concept of domination in m-polar interval-valued fuzzy graph and its application. Neural 279 5.6 5 Computing and Applications, 2022, 34, 745-756. 280 Bounding the k-rainbow total domination number. Discrete Mathematics, 2021, 344, 112425. 0.7 A characterization of trees based on edge-deletion and its applications for domination-type invariants. 281 0.9 1 Discrete Applied Mathematics, 2021, 299, 50-61. Domination related parameters in the generalized lexicographic product of graphs. Discrete Applied Mathematics, 2021, 300, 77-84. On graphs all of whose total dominating sequences have the same length. Discrete Mathematics, 2021, 283 0.7 1 344, 112492. Movable resolving domination in graphs. Discrete Mathematics, Algorithms and Applications, 2022, 14, 284 A new upper bound on the total domination number in graphs with minimum degree six. Discrete 285 3 0.9 Applied Mathematics, 2021, 302, 1-7. Inverse domination in bipolar fuzzy graphs. Materials Today: Proceedings, 2021, 47, 2071-2075. 286 1.8 On Coupon Coloring of Cartesian Product of Some Graphs. Lecture Notes in Computer Science, 2021, 287 1.3 2 309-316. Variations of Dominating Set Problem., 2013, , 3363-3394. 288 1 Complexity of Total {k}-Domination and Related Problems. Lecture Notes in Computer Science, 2011, , 289 1.3 4 147-155. Ratios of Some Domination Parameters in Graphs and Claw-free Graphs., 2006, , 61-72. Inverse domination numbers and disjoint domination numbers of graphs under some binary 291 0.12 operations. Applied Mathematical Sciences, 0, 8, 5303-5315. Solving the k -Centre Problem as a method for supporting the Park and Ride facilities location decision., 0, , .

	Сіта	TION REPORT	
#	ARTICLE Local Search for Minimum Weight Dominating Set with Two-Level Configuration Checking and	IF	CITATIONS
293	Frequency Based Scoring Function. Journal of Artificial Intelligence Research, 0, 58, 267-295.	7.0	32
294	Correlation of domination parameters with physicochemical properties of octane isomers. Applied Mathematics and Nonlinear Sciences, 2016, 1, 345-352.	1.6	18
296	On the L-Grundy domination number of a graph. Filomat, 2020, 34, 3205-3215.	0.5	2
297	On domination-type invariants of Fibonacci cubes and hypercubes. Ars Mathematica Contemporanea, 2018, 14, 387-395.	0.6	5
298	A characterization of graphs with disjoint total dominating sets. Ars Mathematica Contemporanea, 2019, 16, 359-375.	0.6	4
299	Total Complementary Tree Domination in Grid Graphs. International Journal of Mathematics and Soft Computing, 2013, 3, 107.	0.1	2
300	On the Total Outer k-Independent Domination Number of Graphs. Mathematics, 2020, 8, 194.	2.2	4
301	Total Domination and Matching Numbers in Claw-Free Graphs. Electronic Journal of Combinatorics, 2006, 13, .	0.4	20
302	Total Transversals and Total Domination in Uniform Hypergraphs. Electronic Journal of Combinatorics, 2014, 21, .	0.4	11
303	A New Upper Bound on the Total Domination Number of a Graph. Electronic Journal of Combinatorics, 2007, 14, .	0.4	20
304	Efficient Approximation Algorithms for Minimum Dominating Sets in Social Networks. International Journal of Service Science, Management, Engineering, and Technology, 2018, 9, 1-32.	1.1	9
305	Total Domination Edge Critical Graphs with Maximum Diameter. Discussiones Mathematicae - Graph Theory, 2001, 21, 187.	0.3	20
306	Trees with unique minimum total dominating sets. Discussiones Mathematicae - Graph Theory, 2002, 22 233.	2, 0.3	22
307	Total domination subdivision numbers of graphs. Discussiones Mathematicae - Graph Theory, 2004, 24, 457.	0.3	25
308	Domination and leaf density in graphs. Discussiones Mathematicae - Graph Theory, 2005, 25, 251.	0.3	1
309	On stratification and domination in graphs. Discussiones Mathematicae - Graph Theory, 2006, 26, 249.	0.3	3
310	Total domination of Cartesian products of graphs. Discussiones Mathematicae - Graph Theory, 2007, 27, 175.	0.3	2
311	Total outer-connected domination in trees. Discussiones Mathematicae - Graph Theory, 2010, 30, 377.	0.3	13

		CITATION REPORT		
#	Article		IF	CITATIONS
312	A characterization of ($\hat{I}^{3}t$, $\hat{I}^{3}2$)-trees. Discussiones Mathematicae - Graph Theory, 2010,	30, 425.	0.3	2
313	Lower bounds for the domination number. Discussiones Mathematicae - Graph Theory	, 2010, 30, 475.	0.3	10
314	Independent transversal domination in graphs. Discussiones Mathematicae - Graph Th	eory, 2012, 32, 5.	0.3	14
315	Total domination versus paired domination. Discussiones Mathematicae - Graph Theor	y, 2012, 32, 435.	0.3	5
316	Bounds on the disjunctive total domination number of a tree. Discussiones Mathemat Theory, 2016, 36, 153.	icae - Graph	0.3	15
317	Cubic graphs with total domatic number at least two. Discussiones Mathematicae - Gr 38, 75.	aph Theory, 2018,	0.3	4
318	Total Roman reinforcement in graphs. Discussiones Mathematicae - Graph Theory, 201	19, 39, 787.	0.3	15
319	Protection of lexicographic product graphs. Discussiones Mathematicae - Graph Theor	y, 2019, 42, 139.	0.3	4
320	Total protection of lexicographic product graphs. Discussiones Mathematicae - Graph 42, 967.	Theory, 2020,	0.3	4
321	Neighbourhood total domination in graphs. Opuscula Mathematica, 2011, 31, 519.		0.8	10
322	An upper bound on the total outer-independent domination number of a tree. Opuscu 2012, 32, 153.	la Mathematica,	0.8	1
323	Some Domination Parameters of Arithmetic Graph Vn. IOSR Journal of Mathematics, 2	012, 2, 14-18.	0.1	9
324	Total Dominating Set Games. Lecture Notes in Computer Science, 2005, , 520-530.		1.3	1
328	Domination in Graphs. , 2011, , 73-104.			1
329	The Inverse Split and Non-split Domination in Graphs. International Journal of Compute 2010, 8, 18-21.	er Applications,	0.2	20
330	Nordhaus-Gaddum Type Results for Total Domination. Discrete Mathematics and Theo Science, 2011, Vol. 13 no. 3, .	retical Computer	0.1	1
331	The Robust Set Problem: Parameterized Complexity and Approximation. Lecture Notes Science, 2012, , 136-147.	; in Computer	1.3	2
332	The total {k}-domatic number of digraphs. Discussiones Mathematicae - Graph Theory	, 2012, 32, 461.	0.3	0

#	Article	IF	CITATIONS
333	Maximal Independent Neighborhood Set of an Interval Graph. Asian Journal of Mathematics & Statistics, 2012, 5, 60-64.	0.5	0
334	Equitable Graph of a Graph. Proyecciones, 2012, 31, 363-372.	0.3	3
335	Triple connected complementary tree domination number of a graph. International Mathematical Forum, 0, 8, 659-670.	0.1	1
336	MAXIMIN DEGREE DOMINATION NUMBER IN GRAPHS AND ITS CRITICAL ASPECTS. International Electronic Journal of Pure and Applied Mathematics, 2013, 6, .	0.0	0
337	Total Complementary Acyclic Domination in Graphs. International Journal of Mathematics and Soft Computing, 2013, 3, 5.	0.1	0
338	TOTAL BONDAGE NUMBER OF CERTAIN GRAPHS. International Journal of Pure and Applied Mathematics, 2013, 87, .	0.2	Ο
339	TOTAL DOMINATIONS IN P ₆ -FREE GRAPHS. Communications of the Korean Mathematical Society, 2013, 28, 857-863.	0.2	0
340	Domination in Graphs. Discrete Mathematics and Its Applications, 2013, , 1080-1104.	0.1	Ο
341	Fair total domination in the join, corona, and composition of graphs. International Journal of Mathematical Analysis, 0, 8, 2677-2685.	0.3	1
342	Convexity of Minimal Dominating and Total Dominating Functions of Corona Product Graph of a Cycle with a Complete Graph. International Journal of Computer Applications, 2014, 88, 5-8.	0.2	Ο
343	Minimal Total Dominating Functions of Corona Product Graph of a Cycle with a Complete Graph. International Journal of Applied Information Systems, 2014, 6, 11-16.	0.1	1
344	Minimal Total Dominating Functions of Corona Product Graph of a Path with a Star. International Journal of Computer Applications, 2014, 90, 8-14.	0.2	4
346	Independent Domination of Splitted Graphs. International Journal of Mathematics Trends and Technology, 2014, 8, 56-63.	0.1	0
347	Total Domination Subdivision Number in Strong Product Graph. American Journal of Applied Mathematics and Statistics, 2014, 2, 216-219.	9.8	0
348	On the I-integral of a graph. Applied Mathematical Sciences, 0, 9, 171-175.	0.1	1
349	Graphs with large disjunctive total domination number. Discrete Mathematics and Theoretical Computer Science, 2015, Vol. 17 no. 1, .	0.1	4
350	Maximum difference about the size of optimal identifying codes in graphs differing by one vertex. Discrete Mathematics and Theoretical Computer Science, 2015, Vol. 17 no. 1, .	0.1	0
351	Total Unidominating Functions of a Path. International Journal of Computer Applications, 2015, 126, 43-48.	0.2	0

		CITATION REPORT		
#	ARTICLE		IF	CITATIONS
352	All My Favorite Conjectures Are Critical. Problem Books in Mathematics, 2016, , 63-82.		0.1	0
353	A Review on Relationship between Domination Independent Transversal Domination ar Domination in Graphs. International Journal of Mathematics Trends and Technology, 20	nd Equitable)17, 44, 51-52.	0.1	0
354	On the I -Integral of Graphs Under Some Binary Operations. Journal of Ultra Scientist of Sciences Section A, 2017, 29, 183-191.	⁻ Physical	0.2	0
355	Bounds on the domination number of a digraph and its reverse. Filomat, 2018, 32, 251	7-2524.	0.5	0
356	On total domination and total equitable domination in graphs. Malaya Journal of Mater 375-380.	natik, 2018, 06,	0.2	1
357	FORCING DOMINATION NUMBERS OF GRAPHS UNDER SOME BINARY OPERATIONS. A Applications in Discrete Mathematics, 2018, 19, 213-228.	dvances and	0.1	0
358	Pioneer of Domination in Graphs. SpringerBriefs in Mathematics, 2019, , 1-13.		0.3	0
359	Further results on packing related parameters in graphs. Discussiones Mathematicae - 2019, 42, 333.	Graph Theory,	0.3	2
360	On restrained domination number of some wheel related graphs. Malaya Journal of Ma 104-107.	zematik, 2019, 7,	0.2	1
361	Capacitated Graph Theoretical Algorithms for Wireless Sensor Networks Towards Inter Advances in Wireless Technologies and Telecommunication Book Series, 2019, , 347-3	net of Things. 82.	0.4	0
362	Key Domination Parameters. SpringerBriefs in Mathematics, 2019, , 15-24.		0.3	0
363	Acyclic total dominating sets in cubic graphs. Applicable Analysis and Discrete Mathem 73-84.	atics, 2019, 13,	0.7	2
364	On chromatic transversal domination in graphs. Malaya Journal of Matematik, 2019, 7,	419-422.	0.2	0
365	New results on connected dominating structures in graphs. Acta Universitatis Sapienti 2019, 11, 52-64.	ae: Informatica,	0.4	0
366	Iterated Type Partitions. Lecture Notes in Computer Science, 2020, , 195-210.		1.3	5
367	Semicomplete absorbent sets in digraphs. AKCE International Journal of Graphs and Co 2020, 17, 862-869.	mbinatorics,	0.7	0
368	The complexity of total k-domatic partition and total R-domination on graphs with wea orderings. International Journal of Computer Mathematics: Computer Systems Theory,	k elimination 2020, 5, 134-147.	1.1	0
369	Double Edge–Vertex Domination. Advances in Intelligent Systems and Computing, 2	021, , 1564-1572.	0.6	1

#	Article	IF	Citations
370	The Number of Minimum Roman and Minimum Total Dominating Sets for Some Chessboard Graphs. Open Journal of Discrete Mathematics, 2020, 10, 31-44.	0.1	0
371	Rainbow Domination in Graphs. Developments in Mathematics, 2020, , 411-443.	0.4	2
372	Domination Theory in Graphs. Advances in Computer and Electrical Engineering Book Series, 2020, , 1-23.	0.3	0
373	Fundamentals of Fuzzy Graphs. , 2020, , 1-98.		0
374	Distance Domination in Graphs. Developments in Mathematics, 2020, , 205-250.	0.4	2
375	Strong Independent Functions. International Journal of Mathematics Trends and Technology, 2020, 66, 5-11.	0.1	0
376	Disjunctive Total Domination of Some Shadow Distance Graphs. Fundamental Journal of Mathematics and Applications, 2020, 3, 185-193.	0.6	2
380	Semitotal domination of Harary graphs. Tbilisi Mathematical Journal, 2020, 13, .	0.3	1
381	Total co-even domination in graphs in some of engineering project theoretically. AIP Conference Proceedings, 2022, , .	0.4	1
382	Corona Domination Number of Graphs. Springer Proceedings in Mathematics and Statistics, 2021, , 255-265.	0.2	1
383	A new lower bound on the total domination number of a graph. Quaestiones Mathematicae, 0, , 1-14.	0.6	0
384	The Outer-Paired Domination of Graphs. International Journal of Foundations of Computer Science, 2022, 33, 141-148.	1.1	0
385	Further Results on Total Edge-Vertex Domination. Journal of Mathematics, 2022, 2022, 1-6.	1.0	0
386	A new approach on locally checkable problems. Discrete Applied Mathematics, 2022, 314, 53-80.	0.9	3
387	Note on Dominating Set Problems. Journal of Communications Technology and Electronics, 2021, 66, S8-S22.	0.5	1
389	Maximal first Zagreb index of trees with given Roman domination number. AIMS Mathematics, 2022, 7, 11801-11812.	1.6	1
390	On total domination and minimum maximal matchings in graphs. Quaestiones Mathematicae, 2023, 46, 1119-1129.	0.6	1
391	Global dominating broadcast in graphs. Discrete Mathematics, Algorithms and Applications, 0, , .	0.6	0

#	Article	IF	CITATIONS
392	Equality of total domination and chromatic total domination in graphs. International Journal of Health Sciences, 0, , 3044-3051.	0.1	0
394	Domination in edge cycle graphs. Discrete Mathematics, Algorithms and Applications, 0, , .	0.6	0
395	On <i>k</i> -Cost Effective Domination in the Corona and Lexicographic Product of Graphs and Its Variant. Discrete Mathematics, Algorithms and Applications, 0, , .	0.6	0
396	A Survey on Characterizing Trees Using Domination Number. Mathematics, 2022, 10, 2173.	2.2	0
397	Variable Neighborhood Search for Weighted Total Domination Problem and its Application in Social Network Information Spreading. SSRN Electronic Journal, 0, , .	0.4	0
398	Domination based classification algorithms for the controllability analysis of biological interaction networks. Scientific Reports, 2022, 12, .	3.3	1
399	Analysis of Vulnerability of Some Transformation Networks. International Journal of Foundations of Computer Science, 2023, 34, 11-24.	1.1	1
400	On the Forcing Domination and the Forcing Total Domination Numbers of a Graph. Graphs and Combinatorics, 2022, 38, .	0.4	0
402	Total and Paired Domination Numbers of Cylinders. Bulletin of the Malaysian Mathematical Sciences Society, 2022, 45, 3321-3334.	0.9	1
403	Domination, Independence and Fibonacci Numbers in Graphs Containing Disjoint Cycles. , 2022, 2, 65-68.		0
404	Double total domination number in certain chemical graphs. AIMS Mathematics, 2022, 7, 19629-19640.	1.6	1
405	Bounding the Trace Function of a Hypergraph with Applications. Springer Proceedings in Mathematics and Statistics, 2022, , 117-126.	0.2	0
406	Minimum Randić Index of Trees with Fixed Total Domination Number. Mathematics, 2022, 10, 3729.	2.2	2
407	Upper Total Domination in Claw-Free Cubic Graphs. Graphs and Combinatorics, 2022, 38, .	0.4	0
408	Disjunctive Total Domination In Harary Graphs. Computer Journal, 0, , .	2.4	0
409	Fault-Tolerant Total Domination viaÂSubmodular Function Approximation. Lecture Notes in Computer Science, 2022, , 281-292.	1.3	0
410	Chemical Reaction Optimization for Minimum Weight Dominating Set. Applied Computational Intelligence and Soft Computing, 2023, 2023, 1-27.	2.3	1
411	Edge-Vertex Domination on Interval Graphs. Discrete Mathematics, Algorithms and Applications, 0, , .	0.6	Ο

#	Article	IF	CITATIONS
412	Double total domination number of Cartesian product of paths. AIMS Mathematics, 2023, 8, 9506-9519.	1.6	0
413	Relating the total <mml:math <br="" display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML">id="d1e62" altimg="si20.svg"><mml:mrow><mml:mo>{</mml:mo><mml:mn>2</mml:mn><mml:mo>}number with the total domination number of graphs. Discrete Applied Mathematics. 2023. 333. 90-95.</mml:mo></mml:mrow></mml:math>	∙ow>?/mm	ll:math>-dom
414	Total equality Co-neighborhood domination in a graph. AIP Conference Proceedings, 2023, , .	0.4	0
415	Total and paired domination numbers of windmill graphs. Asian-European Journal of Mathematics, 2023, 16, .	0.5	1
416	Extended formulations for perfect domination problems and their algorithmic implications. European Journal of Operational Research, 2023, 310, 566-581.	5.7	0
417	On the Existence of Independent [j,k]-Dominating Sets in the Generalized Corona of Graphs. Symmetry, 2023, 15, 802.	2.2	0
418	Double domination number of the shadow (2,3)-distance graphs. Malaya Journal of Matematik, 2023, 11, 228-238.	0.2	0
419	Total <mml:math <br="" display="inline" id="d1e1269" xmlns:mml="http://www.w3.org/1998/Math/MathML">altimg="si292.svg"><mml:mi>k</mml:mi></mml:math> -domination in Cartesian product of complete graphs. Discrete Applied Mathematics, 2023, 337, 25-41.	0.9	0
420	Minimum total dominating energy of cut vertex of some standard graphs. AIP Conference Proceedings, 2023, , .	0.4	0
421	Minimum total dominating energy of cut vertex graphs. AlP Conference Proceedings, 2023, , .	0.4	0
422	An Approximation Algorithm for a Variant of Dominating Set Problem. Axioms, 2023, 12, 506.	1.9	1
423	On Domatic and Total Domatic Numbers of Cartesian Products of Graphs. Bulletin of the Malaysian Mathematical Sciences Society, 2023, 46, .	0.9	1
424	Variable neighborhood search for weighted total domination problem and its application in social network information spreading. Applied Soft Computing Journal, 2023, 143, 110387.	7.2	1
425	A note on global bipartite domination in graphs. Malaya Journal of Matematik, 2016, 4, 438-442.	0.2	2
426	Comparative study of domination parameters with the ï€\$\$ pi \$\$â€electronic energy of benzenoid hydrocarbons. International Journal of Quantum Chemistry, 0, , .	2.0	0
427	Dominating Sets Inducing Large Component in Graphs with Minimum Degree Two. Graphs and Combinatorics, 2023, 39, .	0.4	0
428	<scp>QSPR</scp> analysis through graph models for predicting <scp>ADMET</scp> properties of antifungal drugs to treat fungal diseases. International Journal of Quantum Chemistry, 2023, 123, .	2.0	0
429	Disjoint total dominating sets in nearâ€ŧriangulations. Journal of Graph Theory, 0, , .	0.9	1

IF ARTICLE CITATIONS # Facility location problem using the concept of double domination in m-polar interval-valued fuzzy 430 1.4 0 graph. Journal of Intelligent and Fuzzy Systems, 2023, , 1-14. Efficient Graph Network Using Total Magic Labeling and Its Applications. Mathematics, 2023, 11, 4132. 2.2 Results of Paired Domination of Some Special Graph Families on Transformation Graphs: \$C^{xy+}\$ 432 0.5 0 and \$G^{xy-}\$. Journal of New Theory, 2023, , 52-61. Algorithmic and complexity aspects of problems related to total restrained domination for graphs. Journal of Combinatorial Optimization, 2023, 46, . The Geometric–Arithmetic index of trees with a given total domination number. Discrete Applied 434 0.9 0 Mathematics, 2024, 345, 99-113. Equitable and Paired Equitable Domination in Inflated Graphs and Their Complements. Axioms, 2023, 12, 1134. Optimal linearâ€Vizing relationships for (total) domination in graphs. Journal of Graph Theory, 0, , . 436 0.9 0 3-component domination numbers in graphs. Discrete Mathematics, 2024, 347, 113859. Domination in bipolar fuzzy soft graphs. Journal of Intelligent and Fuzzy Systems, 2024, 46, 6369-6382. 438 1.4 0 Limited packings: Related vertex partitions and duality issues. Applied Mathematics and Computation, 2.2 2024, 472, 128613. A knowledge-based iterated local search for the weighted total domination problem. Information 440 6.9 0 Sciences, 2024, 665, 120364. Parameterized complexity for iterated type partitions and modular-width. Discrete Applied Mathematics, 2024, 350, 100-122. Complementary Triple Connected Total Domination Number of a Graph. Trends in Mathematics, 2024, , 442 0.1 0 811-817.