

Academic Year 2016-2017

S.No.	Title	Authors	Journal	Month-Year	Link
1	Balanced Hesitancy Fuzzy Graphs	Pathinathan, T., and Jon Arockiaraj, J	International Journal of Multidisciplinary Research and	Jun-16	http://rdmodernresearch.org/wp-content/uploads/2016/12/309.pdf
2	Hesitancy Fuzzy Graphs based Time Minimized Emergency Route	Jon Arockiaraj, J., and Pathinathan, T	International Journal of Multidisciplinary Research and	Jun-16	http://rdmodernresearch.org/wp-content/uploads/2016/12/322.pdf
3	Broadcasting in bloom graph	D. Antony Xavier, M.Rosary	International journal of Mathematics and soft computing	Jul-16	https://www.researchgate.net/publication/321164104_Broadcasting_in_Bloom_Graph
4	Partition Dimension of Certain Honeycomb Derived Networks	Chris Monica. M, Santhakumar. S	International Journal of Pure and Applied Mathematics	Aug-16	https://ijpam.eu/contents/2016-108-4/7/7.pdf
5	Wirelength of enhanced hypercubes into r-rooted complete binary trees	J. Abraham, M. Arockiaraj	Electronic Notes in Discrete Mathematics	Sep-16	https://www.sciencedirect.com/science/article/pii/S1571065316300865
6	Vertex cut method for degree and distance-based topological indices and its applications to silicate	M. Arockiaraj, S.R.J. Kavitha, K. Balasubramanian	Journal of Mathematical Chemistry	Sep-16	https://link.springer.com/article/10.1007/s10910-016-0646-3
7	Doubly geodetic number of a graph	D. Antony Xavier, Elizabeth Thomas	IOSR Journal of Mathematics	Oct-16	https://pdfs.semanticscholar.org/3994/1d29dfae8ba47c663bf6cc56a8d166a70b42.pdf
8	Realization results on Doubly geodetic number	S.Antony Xavier, Elizabeth Thomas	International Journal of Innovation in Science and Mathematics	Oct-16	https://www.ijism.org/administrator/components/com_jresearch/files/publications/IJISM_581_Final.pdf
9	Analytical expressions for topological properties of polycyclic	M. Arockiaraj, J. Clement, K.	Journal of Chemometrics	Oct-16	https://onlinelibrary.wiley.com/doi/abs/10.1002/cem.2851
10	A comparative analysis on topological properties of bloom graph	D. Antony Xavier, M.Rosary	International Journal of Pure and Applied Mathematics	Nov-16	https://acadpubl.eu/jsi/2016-109-si/5/10/10.pdf
11	Topological indices and their applications to circumsised donut benzenoid systems, kekulenes and	M. Arockiaraj, J. Clement, K. Balasubramanian	Polycyclic Aromatic Compounds	Jan-17	https://www.tandfonline.com/doi/abs/10.1080/10406638.2017.1411958?journalCode=gpol20
12	On(2,2)-Domination in Hexagonal Networks	D. Antony Xavier, Elizabeth Thomas	International Journal of Pure and Applied Mathematics	Mar-17	https://acadpubl.eu/jsi/2016-109-si/8/16.pdf
13	On (2,2) -Domination in Hexagonal Mesh pyramid	D. Antony Xavier, Elizabeth thomas	International journal on recent and innovation trends in computing and communication	Mar-17	http://www.ijritcc.org/download/browse/Volume_5_Issues/March_17_Volume_5_Issue_3/1491889686_11-04-2017.pdf
14	Balanced Double Layered Fuzzy Graph	Pathinathan, T., and Peter, M	International Journal of Multidisciplinary Research and	Apr-17	https://zenodo.org/record/546314#.XSxSa-sza70
15	Proper lucky labelling of K-identified triangular mesh and k-identified sierpinski gasket graphs	D.Antony Xavier, Chiranjilal Kujur	International journal fo scientifice and engineering researchdh	Apr-17	https://www.ijser.org/researchpaper/Proper-Lucky-Labeling-of-k-Identified-Triangular-Mesh-and-k-Identified-Sierpinski-Gasket-Graphs.pdf
16	Lucky labeling and proper lucky labeling for bloom graph	D.Antony Xavier, Chiranjilal Kujur	ISRO-Journal of Mathematics	Apr-17	http://www.iosrjournals.org/iosr-jm/papers/Vol13-issue2/Version-2/I1302025259.pdf

17	Exact wirelength of circulant networks into cycle-of-ladders	M. Arockiaraj, L. Packiaraj, R.S. Rajan	ArsCombinatoria	Apr-17	https://www.semanticscholar.org/paper/Exact-Wirelength-of-Circulant-Networks-into-Arockiaraj-Packiaraj/6b26be53512c6d22b9021c044fc36177cadf
18	Balanced Double Layered Fuzzy Graph	Pathinathan .T and Peter .M	International Journal of Multidisciplinary Research and Modern Education (IJMRME)	Apr-17	http://rdmodernresearch.org/
19	On Co – Normal Product of Two Fuzzy Graphs	Pathinathan .T and Peter .M	International Journal of Multidisciplinary Research and Modern Education (IJMRME)	Apr-17	http://rdmodernresearch.org/
20	Weight based Intuitionistic Fuzzy Set and it's application to farming	Pathinathan, T., and Johnson Savarimuthu, S	International Journal of Multidisciplinary Research and Modern Education	May-17	http://rdmodernresearch.org/index.php/2017/03/20/weight-based-intuitionistic-fuzzy-set-wbifs-and-its-
21	A Historical Overview of VIKOR Model (VISE KRITERIJUMSKA OPTIMIZACIJA I	Pathinathan, T., and Johnson Savarimuthu, S	International Journal of Multidisciplinary Research and Modern Education	May-17	https://zenodo.org/record/582744#.XSxR0usza70
22	Proper lucky labelling of mesh and its derived architectures	D.Antony Xavier, R.C.Thivyarathi	Journal of Computer and Mathematical sciences	May-17	http://www.compmath-journal.org/detail/646/Proper-Lucky-Number-of-Mesh-and-It%E2%80%99sDerived-Architectures/Kins-Yenoke-R-C-Thivyarathi-and-D-Antony-Xavier-.html
23	Independent Resolving Number of Fibonacci Cubes and Extended Fibonacci Cubes	Chris Monica M, D. Little Femilin Jana	International Journal of Computer Applications	May-17	https://www.researchgate.net/publication/317058845_Independent_Resolving_Number_of_Fibonacci_Cubes_and_Extended_Fibonacci_Cubes
24	Proper lucky Number of Mesh and its Derived Architectures	Kinsyenoke, R. C. Thivyarathi, D. Antony	Journal of Computer and Mathematical Sciences	May-17	http://www.compmath-journal.org/dnload/Kins-Yenoke-R-C-Thivyarathi-and-D-Antony-Xavier-