MALANKARA CATHOLIC COLLEGE, MARIAGIRI
DEPARTMENT OF MATHEMATICS
PUBLICATION DETAILS

Dr.M. REGEES

1."Edge Trimagic Labeling for Some Graphs",International Journal of Combinatorial Graph Theory and Applications, Vol. 6, No. 2, pp.175-186, 2013.

2."Edge Trimagic Total Labeling of Graphs", International Journal of Mathematical Sciences and Applications, Vol. 3, No. 1. pp. 295- 320, 2013.

3. "More Results on Edge Trimagic Labeling of Graphs",International Journal of Mathematical Archive, Vol. 4, issue 11, pp. 247-255, 2013.

4. "Super Edge Trimagic Total Labeling of Graphs", International Journal of Mathematical Archive, Vol. 4, issue 12, pp. 156-164, 2013.

5. "A-Vertex Consecutive Edge Trimagic Total Labeling of Graphs", International Journal of Mathematical Sciences, Vol. 34, issue 1, pp. 1413-1419, 2014.

6. "Trimagic Labeling in digraphs", Journal of Discrete Mathematical Sciences & Cryptography Vol. 17, issue 4, pp. 321-335, 2014.

7. "Edge Trimagic Total Labeling of Disconnected Graphs", International Journal of Mathematical Trend & Technology, Vol. 6, issue-2, pp. 44-53, 2014.

8.“On a-Vertex Consecutive Edge Trimagic Total Labeling of Some Classes of Graphs”, International Journal of Computational and Applied Mathematics, Vol. 9, issue-2, pp 151- 156, 2014.

9.“Edge Trimagic Total Labeling of Disconnected Graphs”, International Journal of Mathematical Archive, Vol. 6, issue 7, pp. 152-158, 2015.

10.“Super Edge Trimagic Total Labeling of Generalized Prism and Web Graphs”, Journal of Discrete Mathematical Sciences & Cryptography Vol. 19, issue 1, pp. 81- 92, 2016.

11.“Super Edge Trimagic Total Labeling of Some Star Type Graphs”, Journal of Discrete Mathematical Sciences & Cryptography Vol. 20, issue 3, pp. 747 - 754, 2017.

12.Edge Trimagic Graceful Labeling of Some Graphs, International Journal of Mathematical Archive, Vol. 9, issue 4, pp. 152-158, 2018(special issue).

13.Edge Trimagic Graceful Labeling Graphs, International Journal of Pure and Applied Mathematics, Vol. 120, issue. 3, pp. 487 – 496, 2018.

14. Super Edge Trimagic Graceful Labeling of Some Graphs, International Journal of Scientific Research and Reivew, Vol. 7, issue 12, pp. 674 – 680, 2018.

15.Edge Trimagic Graceful Labeling of Some Snake Graphs, International Journal of Scientific Research and Reivew, Vol. 8, issue 4, pp. 280 – 283, 2019.

16. Edge Trimagic Graceful Labeling of Some Disconnected Graphs, International Journal of Research and Analytical Review, Vol. 6, issue 1, pp. 662 Z – 667Z, 2019.

17. Edge Trimagic Graceful Labeling of Some Ladder Family Graphs, Adalya Journal , Vol. 8, issue 12, pp. 243 – 248, 2019.

18. Partial Differentiability of Graphs, Malaya Journal of Matematic, Vol. S,issue 1, pp. 99 – 101, 2019.

19. Analytic Even Mean Labeling of Path Related Graphs, International Journal of Scientific Research and Reivew, Vol. 8, issue 4, pp. 505 -510, 2019.

20. Analytic Even Mean Labeling of Some Corona Graphs, International Journal of Scientific Research and Reivew, Vol. 8, issue 6, pp. 607 -611, 2019.

21. Edge Trimagic Graceful Labeling of Degree Splitting Graphs, Journal of Shanghai Jiaotong University, Vol. 16, issue 11, pp. 235 – 238, 2020.

22. Analytic Even Mean Labeling of Splitting Graphs, Malaya Journal of Matematic,Vol. S,issue 1, pp. 515 – 517, 2020.

23. Analytic Even Mean Labeling of Some Graphs, Malaya Journal of Matematic,Vol. 8, issue 1, pp. 113 – 115, 2020.

24. Some Results on Analytic Even Mean Labeling of Graphs, Advances in Mathematics: Scientific Journal, Vol. 9, issue 4, pp. 211s - 212s, 2020.

25. Analytic Even Mean Labeling of Square Graphs, Purrakala(UGC Care Journal), Vol. 31, issue. 14, pp. 936 – 940, 2020.

26. Edge Magic and Bimagic Harmonious Labeling of Ladder Graphs, Malaya Journal of Matematic,Vol. 8, issue 1, pp. 206 - 215, 2020.

27. Super Edge Bimagic Harmonious Labeling of Some Corona Graphs, Malaya Journal of Matematic,Vol. S, issue 1, pp. 487 - 490, 2020.

28. Some Bistar Related Edge Bimagic Harmonious Labeling of Graphs, Advances in Mathematics: Scientific Journal, Vol. 9, issue 4, pp. 1713 - 1718, , 2020.

29. Edge Magic and Bimagic Harmonious Labeling of Some Graphs, Purrakala(UGC Care Journal), Vol. 31, issue. 14, pp. 941 – 953, 2020.

DR. C. DAVID RAJ

1. K. Sunitha, Dr. C David Raj and Dr. A Subramanian, **Radio Mean labeling of path and cycle related graphs**, Global journal of mathematical sciences: Theory and Practical, Vol. 9, No.3(2017), pp: 337 – 345.

2. Dr. C David Raj, Dr. A Subramanian and K. Sunitha, **Radio mean labeling of double triangular snake graph and quadrilateral snake graph**, International journal of mathematical archive-8(8), 2017, 80-84.

3. Dr. C David Raj, K. Sunitha and Dr. A Subramanian, **Radio odd mean and even mean labeling of some graphs**, International journal of mathematical archive -8(11), 2017, 109-115.

4. K. Sunitha, Dr. C David Raj and Dr. A Subramanian, **Radio labeling of Hurdle graph and Biregular rooted trees**, IOSR Journal of mathematics(IOSR-JM), Vol.13, Issue 5 ver.III(sep – oct. 2017), pp 37 – 44.

5. C. David Raj, **R-Harmonic labeling of graphs**, Journal of computer and mathematical sciences, Vol.10(3), 579-583, March 2019.

6. C David Raj, M Deva Saroja, Brindha Mary V T, **Radio mean labeling on degree splitting of graphs**, The International journal of analytical and experimental modal analysis, Vol.XII, Issue II, Feb 2020.

7. Chinju Krishna K, David Raj C, Rubin Mary K, **Path related Even sum graphs**, Turkish online journal of Qualitative Inquiry(TOJQI), Vol.12, Issue 7, July 2021.

8. Dr. C David Raj, Dr. K Rubin Mary, K. Chinju Krishna, **Sum Graphs and its related concepts**, International journal of Aquatic science, Vol.12, issue 02, 2021.

9. K. Sunitha, Dr. C David Raj and Dr. A Subramanian, **Radio Mean square labeling of some cycle related graphs**, First international conference on collaborative research in mathematical sciences, 23rd September 2017.

10. C. David Raj and C. Jayasekaran, **Some results on One modulo three harmonic mean graphs**, International Journal of Mathematical Archive, Vol. 5(3)(2014), 203 – 208.

11. C. David Raj and C. Jayasekaran, **Some Results on Super Harmonic Mean Graphs**, International Journal of Mathematics Trends and Technology, Vol. 6(3)(2014), 215 – 224.

12. C. David Raj, C. Jayasekaran and S.S. Sandhya, **Harmonic Mean Labeling on Double Quadrilateral Snake Graph**, Global Journal of Theoretical and Applied Mathematics Sciences, Vol. 3(2)(2013), 67 – 72.

13. C. David Raj, C. Jayasekaran and S.S.Sandhya, **Few Families of Harmonic meangraphs**, Journal of Combinatorial Mathematics and Combinatorial Computing.

14. C. David Raj, S.S Sandhya and C. Jayasekaran, **One Modulo Three Harmonic mean labeling of Graphs**, International Journal of Mathematics Research, Vol. 5(4)(2013), 411 – 422.

15. C. Jayasekaran, S.S. Sandhya and C. David Raj, **Harmonic Mean Labeling on Double Triangular snakes**, International Journal of Mathematics Research, Vol. 5(2)(2013), 251 – 256.

16. S.S Sandhya, C. Jayasekaran and C. David Raj, **Harmonic Mean Labeling of Degree Splitting graph**, Bulletin of Pure and Applied Sciences (Math and Stat.), Vol. 32E(1) (2013), 99 – 112.

17. S.S Sandhya, C. David Raj and C. Jayasekaran, **Some New Results on Harmonic Mean graphs**, International Journal of Mathematical Archieve – 4(5)(2013), 1 – 6.

18. S.S Sandhya, C. Jayasekaran and C. David Raj, **Some New Families of Harmonic Mean graphs**, International Journal of Mathematics Research, Vol. 5(2)(2013), 223 – 232.

19. C. David Raj and C. Jayasekaran, **Some more Results on One Modulo ThreeHarmonic Mean graphs**, International Journal of Mathematical Archieve – 6(3)(2015),142 – 145.

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21. C. Jayasekaran, M. Regees and C.DavidRaj, **Edge Trimagic Labeling of some graphs**, International Journal of Computer technology and applications, Vol.6(2)(2013), 175 – 186.

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DR. JEBA RAJ T

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2. The Upper Double Geodetic Number of a graph (with A.P. Santhakumaran), Malaysian Jouranl Of science, 30(3) 225 – 229 (2011)

3. The linear Geodetic number of a graph, (with A.P. Santhakumaran), Discrete Mathematics, Algorithms and Applications (World Scientific), Vol. 3, No. 3 (2011), 357 – 368.

4. The Linear edge geodetic graphs (with A.P. Santhakumaran), Journal of Applied Mathematics & Informatics, 30(2012), No. 5 – 6, 871 – 882.

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DR. K.VIJILA DAFINI

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3. A.Vijayan and K.Vijila Dafini, On geodetic polynomial of Graphs with Extreme vertices, International Journal of mathematical Archive-3(6), 2012, 1-8.

4. K.Vijila Dafini, Edge geodetic polynomial of Graphs , Crossian Resonance A Multidisciplinary Research Journal,0976-5417,Vol.7 No.1 June 2016, 99-103.

DR. M. LITTLE FLOWER

1 Arul Paul Sudhahar P and Little Flower M, Total Edge Detour Monophonic Number of a Graph, Journal of Computer and Mathematical Sciences, 2019, vol. 10, no 2, pp. 255-261. (UGC SERIAL NUMBER: 44720)

2. Arul Paul Sudhahar P and Little Flower M, Restrained Edge Monophonic Domination Number of a Graph, Journal of Emerging Technologies and Innovative Research, 2019, vol. 6, no 3, pp. 786-794. (UGC SERIAL NUMBER: 63975)

3. Arul Paul Sudhahar P and Little Flower M, Restrained Detour Monophonic Domination Number of a Graph, International Journal of Scientific Research and Review, 2019, vol. 8, no 2, pp. 144-154. (UGC SERIAL NUMBER: 64650)

4. Arul Paul Sudhahar P, Little Flower M and Ebin Raja Merly E, Total Restrained Edge Monophonic Domination Number M of a Graph, Asian Journal of Mathematics and Computer Research, 2018, vol. 23, no 4, pp. 201-206.

5. Arul Paul Sudhahar P and Little Flower M, The Total Restrained Monophonic Domination Number of a Graph, International Journal of Pure and Applied Mathematics, 2018, vol. 120, no 7, pp. 19-27. (UGC SERIAL NUMBER: 23425)

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