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## **Publications:**

- 1. A.Tamil Elakkiya, A. **Muthusamy**, Gregarious Kite Factorization of Tensor Product of Complete Graphs, Discussiones Mathematicae Graph Theory , 40(1), 7-24, 2020, University of Zielona Góra.
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- 15. **A. Muthusamy,** T. Govindan, Perfect set of Euler tours of Kp,p,p, Discussiones Mathematicae Graph Theory, 36, 783-796, 2016.
- 16. **A. Muthusamy**, S. Jeevadoss, Decomposition of Product graphs into paths and cycles of length four, Graphs and Combinatorics, 32(1), 199-223, 2016.
- 17. **A. Muthusamy**, R.Sangeetha, Hamilton cycle rich 2-factorization of complete bipartite graphs, Discrete Mathematics Algorithms Applications, 72(3), 1550026-19 pages, 2015, World Scientific Publishing Co. Pvt Ltd.
- 18. **A. Muthusamy,** T. Govindan, Nonexistence of a pair of arc disjoint directed Hamilton cycles on line digraphs of 2-diregular digraphs, Discrete Mathematics Algorithms Applications, 7(3), 6-10, 2015, World Scientific Publishing Co. Pvt Ltd.
- 19. **A.Muthusamy**, S. Jeevadoss, Decomposition of complete bipartite multigraphs into paths and cycles having k edges, Discussiones Mathematicae Graph Theory, 35(4), 715-731, 2015.
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