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Publications:

1. R Vignesh, **Geetha, J.,** and Dr. Somasundaram K., "Total Coloring Conjecture for Certain Classes of Graphs", Algorithms, vol. 11, p. 161, 2018

2. **J. Geetha** and Dr. Somasundaram K., "Total Colorings of Product Graphs", Graphs and Combinatorics (2018), vol. 34, no. 2, pp. 339–347, 2018

3. S. Mohan, **Geetha, J**., and Dr. Somasundaram K., "Total coloring of the corona product of two graphs", Australasian Journal Of Combinatorics, vol. 68, no. 1, pp. 15–22, 2017.

4. S. Mohan, **Geetha, J**., and Dr. Somasundaram K., "Total Coloring of Certain Classes of Product Graphs", Electronic Notes in Discrete Mathematics, vol. 53, pp. 173 - 180, 2016.

5. **J. Geetha** and Dr. Somasundaram K., "Total Chromatic Number and Some Topological Indices", Electronic Notes in Discrete Mathematics, vol. 53, pp. 363 - 371, 2016.

6. **J. Geetha** and Dr. Somasundaram K., "Total coloring of generalized sierpiński graphs", Australasian Journal of Combinatorics, vol. 63, no. 1, pp. 58-69, 2015.

7. A. Gupta, **Geetha, J**., and Dr. Somasundaram K., "Total coloring algorithm for graphs", Applied Mathematical Sciences, vol. 9, pp. 1297-1302, 2015.