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### **Journal Publications of Dr. M.Muthuchelvam**

1. Selvam Avadayappan, M.Muthuchelvam, “Neighbourly regular strength of regular graphs”, Interiencia Journal, Volume 45(6), June (2020), 42-54.
2. M Muthuchelvam, AM Kowshalya, “Modelling Networks as Neighborly irregular graphs”, Wireless Personal Communications, (2020), 1 – 10.
3. Selvam Avadayappan, M Muthuchelvam, “Neighbourly regular strength of a graph” ARS Combinatoria, Volume CXXIX, October (2016) 3-17.
4. Selvam Avadayappan , M.Muthuchelvam . "Neighbourly Regular Strength of Bipartite Graphs", International Journal of Mathematical Trends and Technology (IJMTT). V14:17-23 Oct 2014. ISSN:2231-5373.
5. S Avadayappan, M Muthuchelvam, “A special NI graph”, International Journal of Advanced Scientific and Technical Research, Issue 4, Volume 1, January-February (2014), 814- 822.
6. S Avadayappan, M Muthuchelvam, “Some bounds on chromatic number of NI graphs”, International Journal of Mathematics and Soft Computing, Volume 2, No.1 (2012),79 – 83.