Abstract

Dominator chromatic number of middle and total graphs of various graph families is found in this paper. Also these parameters are compared with dominator chromatic number of their respective graph families.

References

- D. Michalak, On Middle and Total graphs with Coarseness Number Equal 1, Lecture Notes in Mathematics, Volume 1018: Graph Theory, Springer-Verlag, Berlin, 139 – 150 (1983).

Index Terms
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**Keywords**
- Middle graph
- Total graph and dominator coloring