Abstract

Dominator chromatic number of central, middle and total graphs of star and double star graph families are found in this paper. Also the relationship between dominator chromatic number and star chromatic number of the above graph families are obtained.

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

Computer Science
Applied Mathematics

Keywords

Central Graph  Middle Graph  Total Graph And Dominator Coloring