Abstract

The purpose of this paper is to design an algorithm for star partitions of the graph. We shall now bring out a useful connection between the domination number of a graph and what we shall choose to call the 'star partition number' of the graph which is an invariant of the graph defined by a certain type of partition of its vertex set. We consider finite undirected graphs without loops or multiple edges.

References

Algorithmic Approach to Star Partition of the Graph

Networks, 7 (1977), 247- 261.
- Cockayne, E. J. and S. T. Hedetniemi, Towards a Theory Domination in graphs.

Index Terms

Computer Science
Algorithms

Keywords

star partition domination number multiple edges