Abstract

In this paper, we discuss the acyclic vertex colouring and acyclic chromatic number of middle graph, central graph and total graph of star graph.

Reference

Acyclic Colouring of Star Graph Families

- Danuta Michalak, On middle and total graphs with coarseness number equal 1, Springer Verlag Graph Theory, Lagow (1981) proceedings, Berlin heidelberg, New York, Tokyo, pp. 139-150.
- Frank Harrary, Graph theory, Narosa Publishing House-(2001).
- Graph Colouring, Wikipedia, the free Encyclopedia.

**Index Terms**

Computer Science Algorithms

**Key words**

Middle graph central graph

total graph

acyclic colouring

acyclic chromatic number