Minimal Dominating Functions of Corona Product Graph of a Path with a Cycle

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Abstract

Graph Theory has been realized as one of the most useful branches of Mathematics or recent origin, finding widest applications in all most all branches of Sciences, Engineering and Computer Science. An introduction and an extensive overview on domination in graphs and related topics are given by Haynes et al. [1, 2].

Recently, dominating functions in domination theory have received much attention. They give rise to important classes of graphs and deep structural problems. In this paper it is a discussion on some results on minimal dominating functions of corona product graph of a Path with a Cycle.

References


Index Terms

Computer Science Applied Sciences

Keywords

Corona Product, Path, Cycle, Dominating Function