

Total Eccentric Domination Number of Some Special Types of Graphs

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ABSTRACT

A set $S \subseteq V(G)$ is a total eccentric dominating set if S is an eccentric dominating set and also $\langle S \rangle$ has no isolated vertices. The minimum cardinality of the total eccentric dominating set is called the total eccentric domination number and is denoted by $\gamma_{ted}(G)$. In mathematics, one always tries to attain new structure from given ones. In this article, the total eccentric domination number of some special types of graphs is found.

Keywords: Domination, Eccentric domination, Total eccentric domination

