

Critical and Bicritical Geodomination

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A geodominating set in a graph G is a set S such that any vertex $v \in V(G) \setminus S$ is geodominated by at least one pair of vertices of S . A k geodominating set is a geodominating set S such that any vertex $v \in V(G) \setminus S$ is geodominated by at least one pair x, y of vertices of S with $d(x, y) = k$. Wayne Goddard et al. and Robert C. Brigham et al. have studied the total domination vertex critical and bicritical domination in the graphs. In this note, it is verified the vertex critical and bicritical geodomination.

References

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