

The maximal independent set between $\alpha(G)$ and $i(G)$

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A set S of vertices in a graph G is an independent dominating set of G if S is an independent set and every vertex not in S is adjacent to a vertex in S . $\alpha(G)$ is the minimum cardinality of an independent dominating set and $i(G)$ is the independence number. In this talk, we will discuss some results of maximal independent set between $\alpha(G)$ and $i(G)$.