





Add Small Independent Set in H -fiber at

Lemma

Assume that neither of G or H has an isolatable vertex, but that $G \cup H$ is well-covered. Then, both G and H have the property for any maximal independent set A , there is a maximal independent set B disjoint from A .

Let $A_1; A_2; \dots; A_k$ be a GID of graph G .

A_1 is maximal independent in G ;

A_2 is maximal independent in $G \setminus A_1$,

Lemma

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Thank You!