

1106-VN-1054

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All Graphs are Hall $\Delta(G)$ -Completable.

In the context of vertex list-coloring, Hall's condition is a generalization of Hall's marriage theorem and is necessary (but not sufficient) for a graph to admit a proper list-coloring. A list assignment L to a graph G is called *Hall* if (G, L) satisfy Hall's condition. A graph G is *Hall m -completable* if every partial proper m -coloring of G , whose corresponding list assignment is Hall, can be extended to a proper m -coloring of G . In 2011, Bobga et al. asked if all graphs G are Hall $\Delta(G)$ -completable, thereby posing a possible list-coloring variant of Brooks theorem. We give a straightforward and short proof that answers this question in the affirmative, as well as discuss some related results. (Received September 10, 2014)