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A Note on Partial Vertex List Colouring

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Abstract Let G be a graph that is s -choosable. Suppose a list $S(v)$ of size $t < s$ of positive integers is assigned to each vertex v . We improve the lower bound on the number of vertices that can be properly coloured from the given lists. We prove that at least t/s of the vertices can be properly coloured in case s is a multiple of t . This settles part of a conjecture of Albertson, Grossman and Haas.