

T_r -SPAN OF DIRECTED WHEEL GRAPHS

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Abstract

In this paper, we consider T -colorings of directed graphs. In particular, we consider as a T -set the set $T_r = \{0, 1, 2, \dots, r-1, r+1, \dots\}$. Exact values and bounds of the T_r -span of directed graphs whose underlying graph is a wheel graph are presented.

Keywords: T -coloring, digraph, wheel graph, span.

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