

(i; j) DISTANCE COLORING AND CATER-PILLAR TREE GRAPHS

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Abstract

In this paper we de_fine (i; j) - Distance Coloring for the connected graph G. We get after studying the (i; j) - Distance graphs for the continuous joining of CATERPILLAR TREE GRAPHS, we observe new results under (i; j) - Distance coloring scheme for the above mentioned graphs.

Key Words: (i; j) - Distance Graph, (i; j) - Distance Coloring, Bi-partite