PAIR $L(2,1)$-LABELINGS OF INFINITE GRAPHS

ROGER K. YEH

Department of Applied Mathematics
Feng Chia University
Taichung 40724
Taiwan

e-mail: rkyeh@math.fcu.edu.tw

Abstract

An $L(2,1)$-labeling of a graph $G = (V,E)$ is an assignment of non-negative integers to $V$ such that two adjacent vertices must receive numbers (labels) at least two apart and further, if two vertices are in distance 2 then they receive distinct labels. This article studies a generalization of the $L(2,1)$-labeling. We assign sets with at least one element to vertices of $G$ under some conditions.

Keywords: $L(2,1)$-labeling.

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References


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