Abstract

A (p, q) connected graph is edge-odd graceful graph if there exists an injective map f: E(G) → {1, 3, ..., 2q-1} so that induced map f+: V(G) → {0, 1, 2, 3, ..., (2k-1)} defined by f+(x) ≜ f(x, y) (mod 2k), where the vertex x is incident with other vertex y and k = max {p, q} makes all the edges distinct.

Reference

Edge Odd Gracefulness of 2-NC4, 3-NC4, 4-NC4

pp:39-42.

**Index Terms**

Computer Science  
Applied Mathematics

**Key words**

Generalised n-squares  
Graceful Graphs  
Edge-odd graceful labeling

Edge-odd Graceful Graph