Abstract

A (p, q) connected graph is edge-odd graceful graph if there exists an injective map $f: E(G) \rightarrow \{1, 3, ..., 2q-1\}$ so that induced map $f+: V(G) \rightarrow \{0, 1, 2, 3, ..., (2k-1)\}$ defined by $f+(x) \equiv f(x, y) \pmod{2k}$, 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