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

Abstract

Reference

pp:39-42.

Index Terms

Computer Science
Applied Mathematics

Key words
Generalised n-squares Graceful Graphs Edge-odd graceful labeling

Edge-odd Graceful Graph