Abstract

The even graceful labeling of a graph G with q edges means that there is an injection f : V(G) to \{ 0, 1, 1, 2, ..., 2q+i | i = 1 to n \} such that when each edge uv is assigned the label |f(u) – f(v)| the resulting edge labels are \{1, 3, 5, ..., 2q-1\}. A graph which admits an edge odd graceful labeling is called an edge-odd graceful graph. In this paper, the edge odd gracefulness of paths p1, p2, p3, ..., p12 is obtained.

References


**Index Terms**

Computer Science  Applied Mathematics

**Keywords**

Padavon sequence  vertex labeling  edge labeling  graceful labeling  odd graceful labeling  edge odd graceful labeling.