Abstract

A (p, q) connected graph is edge-odd graceful graph if there exists an injective map $f : E(G) \rightarrow \{1, 3, 5, \ldots, 2q-1\}$ so that induced map $f+:V(G) \rightarrow [0, 1, 2, 3, \ldots, (2k-1)]$ defined by $f+(x) = f(xy) \pmod{2k}$, where the vertex $x$ is incident with other vertex $y$ and $k = \max \{p, q\}$ makes all the edges distinct and odd. In this article, the edge-odd gracefulness of $(P_2 \oplus P_n) \oplus P_n$ [n copies of doors]

References

- A. Solairaju, C. Vimala, A. Sasikala, "Gracefulness of a Spanning Tree of the
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Graph of Cartesian Product of Sm and Sn \"; The Gobal Journal of pure and Applied Mathematics of Mathematical Sciences, 1, No-2 (July- Dec 2008b), 117-120.


**Index Terms**

Computer Science  
Applied Mathematics  

**Keywords**

Graceful Graph  
Edge-odd graceful labeling  
Edge-odd Graceful Graph