Abstract

A (p, q) connected graph is edge-odd graceful graph if there exists an injective map f : E(G) ∋ {1, 3, 5, ..., 2q-1} so that induced map f+:V(G) ∋ [0, 1, 2, 3, ..., (2k-1)] defined by f+(x) = ?f (xy) (mod 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 (P2 ? Pn) ? Pn [n copies of doors]

References

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


**Index Terms**

Computer Science

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**Keywords**

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