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 gracefulfulness of \( (P_2 \square P_n) \square P_n \) [n copies of doors]

References

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Graph of Cartesian Product of Sm and Sn &quot;, The Gobal Journal of pure and Applied Mathematics of Mathematical Sciences, 1, No-2 (July- Dec 2008b), 117-120.


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Keywords

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