

### Odd Harmonious Labeling Of Some Graphs Core

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**Odd Harmonious Labeling Of Some**  
Odd Harmonious Labeling of Some Graphs 109 The vertex function  $f$  defined above induces a bijective edge function  $f^*$ :  $E(G) \rightarrow \{1,3,\dots, 12n+5\}$ . Thus  $f$  is an odd harmonious labeling of  $G = S(B_n,n)$  and  $G$  is an odd harmonious graph. Illustration 2.4 Odd harmonious labeling of the graph  $S(B_5,5)$  is shown in Fig. 2. u u1 u2 u 3 u4 u5 47 49 51 53 55 7 23 11 15

**Odd Harmonious Labeling of Some Graphs**  
A graph  $G$  is said to be odd harmonious if there exists an injection  $f:V(G)\rightarrow\{0,1,2,\dots,2q-1\}$  such that the induced function  $f^*:E(G)\rightarrow\{1,3,\dots,2q-1\}$  defined ...

**Odd Harmonious Labeling of Some New Families of Graphs ...**  
The concept of odd harmonious labeling was due to Lian g and Bai [7]. A graph  $G$  is said to be odd harmonious if there exists an injection  $f: V(G) \rightarrow \{0, 1, 2, \dots, 2q - 1\}$  such that the induced ...

**(PDF) ODD HARMONIOUS LABELING OF CERTAIN GRAPHS**  
A graph which admits odd harmonious labeling is called an odd harmo-nious graph. In this paper we prove that the shadow graphs of path  $P_n$  and star  $K_{1,n}$  are odd harmonious. Further we prove that the split graphs of path  $P_n$  and star  $K_{1,n}$  admit odd harmonious labeling. Keywords: Harmonious labeling, Odd harmonious labeling, Shadow graph, Split Graph.

**Some new odd harmonious graphs**  
A graph  $G(p, q)$  is said to be odd harmonious if there exists an in-jection  $f : V(G) \rightarrow \{0,1, 2, \dots, 2q - 1\}$  such that the induced function  $f^* : E(G) \rightarrow \{1, 3, \dots, 2q - 1\}$  defined by  $f^*(uv) = f(u) + f(v)$  is a bijection. A graph that admits odd harmonious labeling is called odd harmonious graph.

**Odd harmonious labeling of some cycle related graphs**  
The concept of odd harmonious labeling was due to Liang and Bai [13]. A graph  $G$  is said to be odd harmonious if there exists an injection  $f: V(G) \rightarrow \{0; 1; 3; \dots; 2q - 1\}$  such that the induced function  $f^*: E(G) \rightarrow \{1; 3; \dots; 2q - 1\}$  defined by  $f^*(uv) = f(u) + f(v)$  is a bi-jection. If  $f(V(G)) = \{0; 1; 2; \dots; 2q\}$  then  $f$  is called as strongly odd harmonious 2010 Mathematics Subject Classi-cation. 05C78.

**SOME RESULTS ON ODD HARMONIOUS LABELING OF GRAPHS**  
necessary conditions for the existence of odd harmonious labeling of a graph. They proved that if  $G$  is an odd harmonious graph, then  $G$  is a bipartite graph. Also they claim that if a  $(p, q) -$  graph  $G$  is odd harmonious, then  $2q \leq p \leq 2q - 1$ , but this is not always correct. Take the path  $P_2$  as a counter example.

**NEW FAMILIES OF ODD HARMONIOUS GRAPHS**  
More results about odd harmonious labeling can be found in [6] - [13]. Deb and Limaye [1] have defined a shell graph as a cycle  $nC$  with  $(n-3)$  chords sharing a common end point called the apex.

**On Harmonious Labelings of Some Cycle Related Graphs**  
A graph that has odd harmonious labeling properties is called an odd harmonious graph. The purpose of this research is to obtain a new class graphs construction which is a family of odd harmonious graphs. The research method used consisted of several stages, namely research preparation, research investigation and verification of research results.

**Odd Harmonious Labeling on Edge Amalgamation from Double ...**  
Graph class which has the characteristic of odd harmonious labeling is called as odd harmonious graph. Net graph is a graph which is gained by using operation Cartesian product of two line graphs. The construction of snake-net graph is inspired by the definition of snake graph replacing the round graph to net graph. In this paper, the study will show that snake-net graph fulfill the ...

**Pelabelan Harmonis Ganjil pada Kelas Graf Baru Hasil ...**  
A graph  $G$  is said to be an  $k$ -even sequential harmonious graph if it admits an  $k$ -even sequential harmonious labeling. In this paper, we investigate some results on  $k$ -even sequential harmonious labeling of some cycle related graphs. Throughout this paper,  $k$  denote any positive integer 1. For brevity, we use  $k$ -ESHL for  $k$ -even sequential harmonious

**K-Even Sequential Harmonious Labeling of Some Cycle ...**  
In this paper, we investigate  $k$ -odd sequential harmonious labeling of some graphs. Throughout this paper,  $k$  denote any positive integer 1. For brevity, we use  $k$ -ESHL for  $k$ -even sequential harmonious labeling. 2. Main Results Definition 8.2 We say that a labeling is a  $k$  odd sequential harmonious labeling if there exists an injection  $f$  from the ...

**k-Odd Sequential Harmonious Labeling of Some Special Graphs**  
Odd harmonious labeling of some new families of graphs., SUT J. Math., 53(2)(2015), 53-65. [8] P.Jeyanthi and S.Philo. Odd Harmonious Labeling of Some Cycle Related Graphs.

**Odd Harmonious Labeling of Plus Graphs | BULLETIN OF ...**  
Graphs that have odd harmonious labeling properties are called odd harmonious graphs. The purpose of this study to obtain a new graph class construction with its properties, but also to prove that the new graph class has odd harmonious labeling properties.

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Odd Harmonious Labeling Of Some Odd Harmonious Labeling of Some Graphs 109 The vertex function  $f$  defined above induces a bijective edge function  $f^*$ :  $E(G) \rightarrow \{1,3,\dots, 12n+5\}$ . Thus  $f$  is an odd harmonious labeling of  $G = S(B_n,n)$  and  $G$  is an odd harmonious graph. Illustration 2.4 Odd harmonious labeling of the graph

**Odd Harmonious Labeling Of Some Graphs Core**  
Download File PDF Odd Harmonious Labeling Of Some Graphs Core Odd Harmonious Labeling Of Some Odd Harmonious Labeling of Some Graphs 107 erty P that are odd harmonious. The problems of second type are largely discussed while the problems of first and third types are not so often but they are of great importance.

**Odd Harmonious Labeling Of Some Graphs Core**  
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