Abstract

Even vertex gracefulness of path, circuit, star and wheel are obtained. Also even vertex gracefulness of the connected graphs $C_n \overline{N}(2nC3)$, $C_n \overline{N}(3nC3)$ and $C(4, n)$ are got.

Reference

- A. Solairaju and K. Chitra, Edge-odd graceful labeling of some graphs, Electronics Notes in Discrete Mathematics Volume 33, April 2009, pp. 15
- A. Solairaju and P. Muruganantham, Even vertex gracefulness of even number of copies of $C_4$, accepted for publication in Serials Publications, New Delhi, India.

**Index Terms**

Computer Science  
Applied Mathematics

**Key words**

Vertex  
$C_n \tilde{N} F(2nC3)$  
$C_n \tilde{N} F(3nC3)$  
$C(4, n)$