

## Super vertex-magic total labeling on cycles and complete graphs.

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20180261&lokasi=lokal>

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### Abstrak

One of the methods for labeling graphs is super vertex-magic total labeling. If  $G$  is a finite simple graph with  $v$  vertices and  $e$  edges, a vertex-magic total labeling is a labeling of vertices and edges of  $G$  with the property that the weight of each vertex is equal to a constant  $k$ . Such a labeling is super vertex-magic total labeling if the smallest labels are assigned to the vertices. This skripsi presents basic properties of such labeling; discuss the properties of regular graphs: cycles and complete graphs that admits super vertex-magic total labeling, and shows some graphs that do not have super vertex-magic total labeling. Keywords: super vertex-magic total labeling, regular graphs, cycles and complete graphs viii + 38 pages.; fig.; tab. Bibliography: 9 (1969 ? 2004)