

Anti-magic Labeling of Cartoon Flowers

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An anti-magic labeling of a finite simple undirected graph G is a bijection from the set of edges to the set of integers $\{1, 2, \dots, |G(E)|\}$ such that the vertex sums are pairwise distinct, where the vertex sum at one vertex is the sum of labels of all edges incident to such vertex. A graph is called anti-magic if it admits an anti-magic labeling. Hartsfield and Ringel conjectured that all connected graphs except K_2 are anti-magic. In this presentation, we established an anti-magic labeling of cartoon flowers and wounded cartoon flowers.

Keywords: anti-magic labeling, cartoon flower, wounded flower