

On super edge-magic total labeling of banana trees

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Abstract. Let G_1, G_2, \dots, G_n be a family of disjoint stars. The tree obtained by joining a new vertex a to one pendant vertex of each star G_i is called a *banana tree*. In this paper we determine the super edge-magic total labelings of the *banana trees* that have not been covered by the previous results [15].

Keywords : Super edge-magic total labeling, banana tree.