SEMIGRAPH

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In Graph theory there are many properties enjoyed by the elements in a vertex set but not by the edges. For eliminating these defects from graph theory a new structure called semigraph was defined. The concept semigraph was introduced by E. Sampathkumar as a generalization of graphs. E. Sampathkumar made a study about semigraph and their applications in 2001. Since then this field plays an important role in graph theory. In this paper characterization of a semigraph for which the corresponding end vertex graph is connected and an enumeration of dendroids with some restrictions on the number of middle vertices are obtained.

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