A Study of Families of Bistar and Corona Product of Graph: Reverse Topological Indices

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Abstract : Graph theory, chemistry, and technology are all combined in cheminformatics. The structure and physiochemical properties of organic substances are linked using some useful graph invariants and the corresponding molecular graph. In this paper, we study specific reverse topological indices such as the reverse sum-connectivity index, the reverse Zagreb index, the reverse arithmetic-geometric, and the geometric-arithmetic, the reverse Sombor, the reverse Nirmala indices for the bistar graphs $B(n: m)$ and the corona product $K_m \circ K_n'$, where K_n' Represent the complement of a complete graph K_n.

Keywords : reverse topological indices, bistar graph, the corona product, graph
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