

عنوان مقاله:

A New Version of the Edge Geometric-Arithmetic Index

محل انتشار:

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خلاصه مقاله:

we consider the second of the edge version of geometric - arithmetic index of graphs belonging to the class of geometric- arithmetic indices. Its related to the new versions of vertex Szeged index and PI index of line graphs. The main properties of are considered, such as upper and lower bounds. We compare .the second version of the edge geometric-arithmetic indices for some graphs, $TUC_4C_6C_8 [p,q]$ nanotorus and molecular octane isomers

کلمات کلیدی:

Geometric - arithmetic index, Line graph, Octane isomers, Molecular graph, Nanotorus

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