The Minimum Hub Distance Energy of a Graph

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Abstract

In this paper, the concept of minimum hub distance energy $EH_d(G)$ of a connected graph $G$ is introduced and minimum hub distance energies of some standard graphs and a number of wellknown families of graphs are computed. Upper and lower bounds for $EH_d(G)$ are also established.

References

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Index Terms

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Applied Mathematics

Keywords

Minimum hub set, minimum hub distance matrix, minimum hub distance eigenvalues, minimum hub distance energy.