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ON RADIO D-DISTANCE IN HARMONIC MEAN LABELLING OF SOME GRAPHS

K JOHN BOSCO[1] & B S VISHNUPRIYA[2]

[1]*Assistant Professor, Department of Mathematics St.Jude's College Thoothoor*

[2]*Research scholar Department of Mathematics St.Jude's College Thoothoor*

ABSTRACT

A radio harmonic mean D-distance labelling of a connect graph G is an injective map f from the vertex set $V(G)$ to the N such that for two distinct vertices u and v of G, $d^D(u,v) + \left\lceil \frac{2f(u)f(v)}{f(u)+f(v)} \right\rceil \geq diam^D(G) + 1$. The radio D-distance harmonic mean number of $f, rh^D n(f)$ is the maximum number assigned to any vertex of G .

KEYWORDS: D-distance, Radio harmonic mean number & Radio D-distance in harmonic mean number

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