

GROUP IRREGULARITY STRENGTH OF DISCONNECTED GRAPHS

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We investigate the *group irregular strength* ($s_g(G)$) of graphs, i.e the smallest value of s such that for any Abelian group Γ of order s exists a function $g : E(G) \rightarrow \Gamma$ such that sums of edge labels at every vertex is distinct. We give results for bound and exact values of ($s_g(G)$) for some chosen families of graphs.

References

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