



SEMINARIUM MATEMATYKA DYSKRETNA

wtorek, 25 kwietnia 2023 r., godz. 12:30, s. 612 C-7

Group irregular strength of graphs

Barbara Krupińska
WMS AGH

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.