

عنوان مقاله:

The common minimal dominating signed graph

محل انتشار:

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خلاصه مقاله:

In this paper, we define the common minimal dominating signed graph of a given signed graph and offer a structural characterization of common minimal dominating signed graphs. In the sequel, we also obtained switching equivalence characterizations: $\overline{S} \sim \text{CMD}(S)$ and $\text{CMD}(S) \sim N(S)$, where \overline{S} , $\text{CMD}(S)$ and $N(S)$ are complementary signed graph, common minimal signed graph and neighborhood signed graph of S respectively.

کلمات کلیدی:

Signed graphs, Switching, Balance, Common minimal dominating signed graph, Neighborhood signed graph

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