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The localization number of designs

We study the localization number of incidence graphs of designs. In the localization game played on a graph, the cops attempt to determine the location of an invisible robber via distance probes. The localization number of a graph G, written $\zeta(G)$, is the minimum number of cops needed to ensure the robber's capture. We present work giving bounds and exact values for the incidence graphs of a number of classes of designs.