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*Eternal Domination in D-Dimensional Grids*

In eternal domination, a vertex is attacked at each turn, and a team of guards must move a guard to that vertex to defend it. The guards may only move to adjacent vertices on their turn. The eternal domination number  $\gamma_{all}^\infty$  of a graph is the minimum number of guards required to defend against an infinite sequence of attacks. I show a technique to prove that  $\gamma_{all}^\infty(G) = \gamma(G) + o(\gamma(G))$  for all graphs  $G \in \mathcal{F}$ , where  $\mathcal{F}$  is a large family of  $D$ -dimensional grids which are supergraphs of the  $D$ -dimensional Cartesian grid and subgraphs of the  $D$ -dimensional strong grid.