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Looking for structure in watchman's walks

In this talk, we will examine the watchman's walk problem: to find a minimum length closed dominating walk in a graph G. We call this length $w(G)$. We will discuss what we can say about $w(G)$ in terms of the diameter, and then in terms of the number of edges m and the number of vertices n. Particularly, we consider the ratios $w(G)/m$ and $w(G)/n$, and consider the range of values possible, and the graphs that achieve extremal values.