Skolem number of Q_n

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Labeling a graph so that all vertices labeled x are pairwise distance x is an abstraction of Skolem sequences to graphs, known as a proper Skolem labeling. The Skolem number, $Sk(G)$, is the smallest integer for which a proper Skolem labeling exists on a graph G with each label less than or equal $Sk(G)$. We will provide results toward the Skolem number of the n-dimensional hypercube graph, Q_n.

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