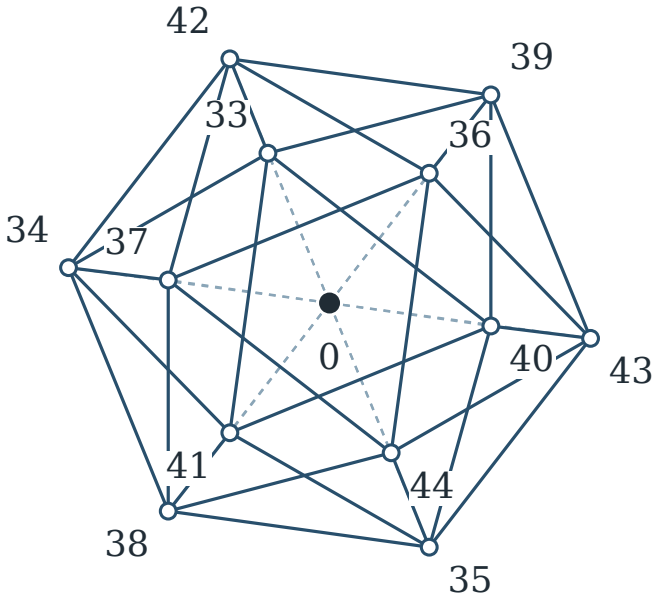
The closed neighborhood of vertex 0

Exact fixture coordinates; orthographic view of the 3D projection



$W = \{0, 33, \ldots, 44\}$

$|W| = 13$

$\pi_{\text{geom}}(x_0, x_1, x_2, x_3) = (x_1, x_2, x_3)$

Raw neighbors: $x_0 = -\phi/2$

12 neighbors form an icosahedron.

$M = 13I + A$

Original edge length squared: $2 - \phi$

30 neighbor-neighbor edges

12 edges from vertex 0

Image created by ChatGPT