FIGURE 1. $\left(\sigma_{1,1,0,0}^{2,1,2,1}\right)^4 = 6$ in $F(2,4;6)$.

The intersection $\sigma_{1,1,0,0}^{2,1,2,1} \cdot \sigma_{1,1,0,0}^{2,1,2,1}$ is equal to six self-dual cycles.