

# Labeling the Lattice Graph to Build Cell Complex

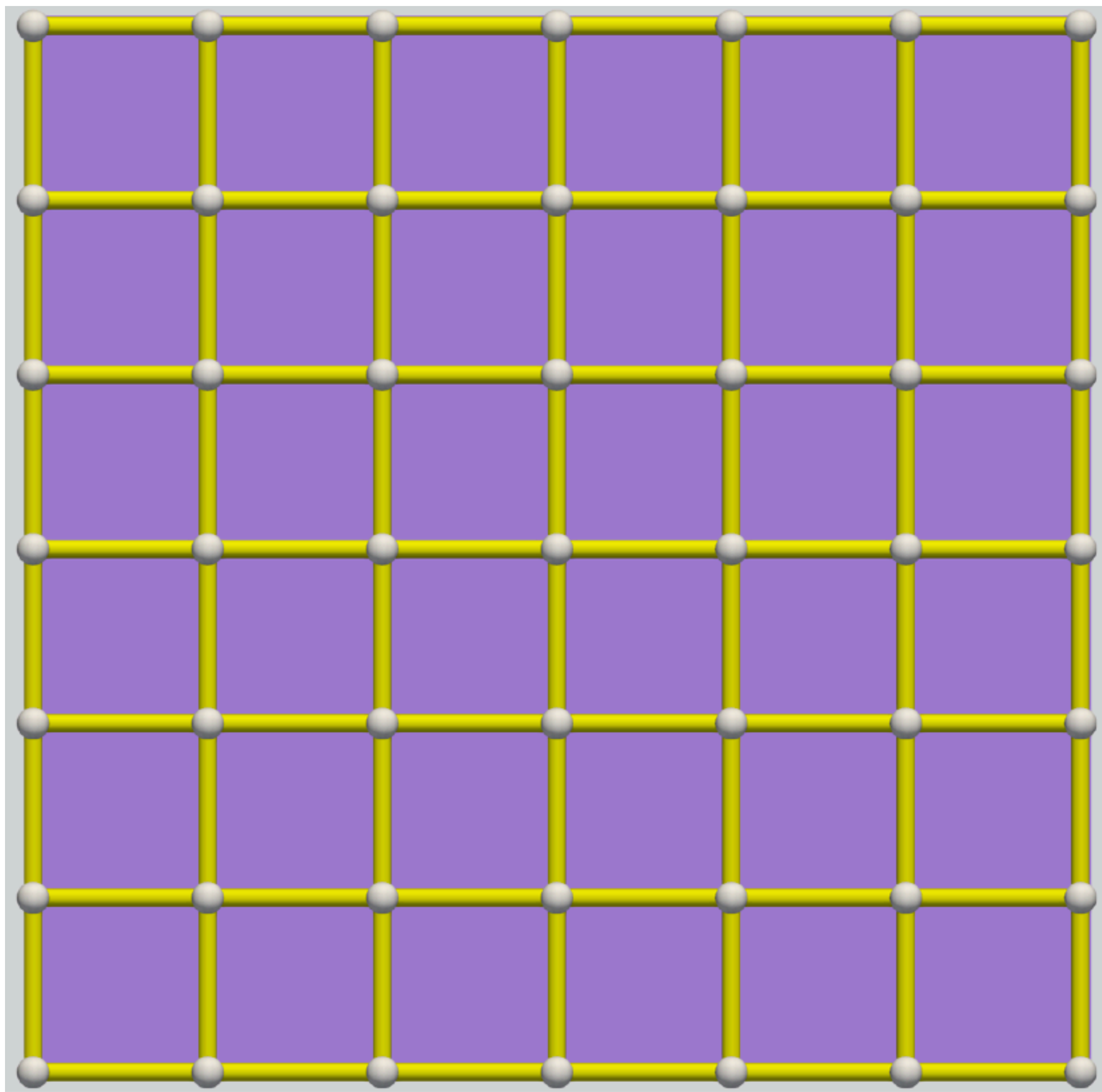


Figure 10: Lattice graph.

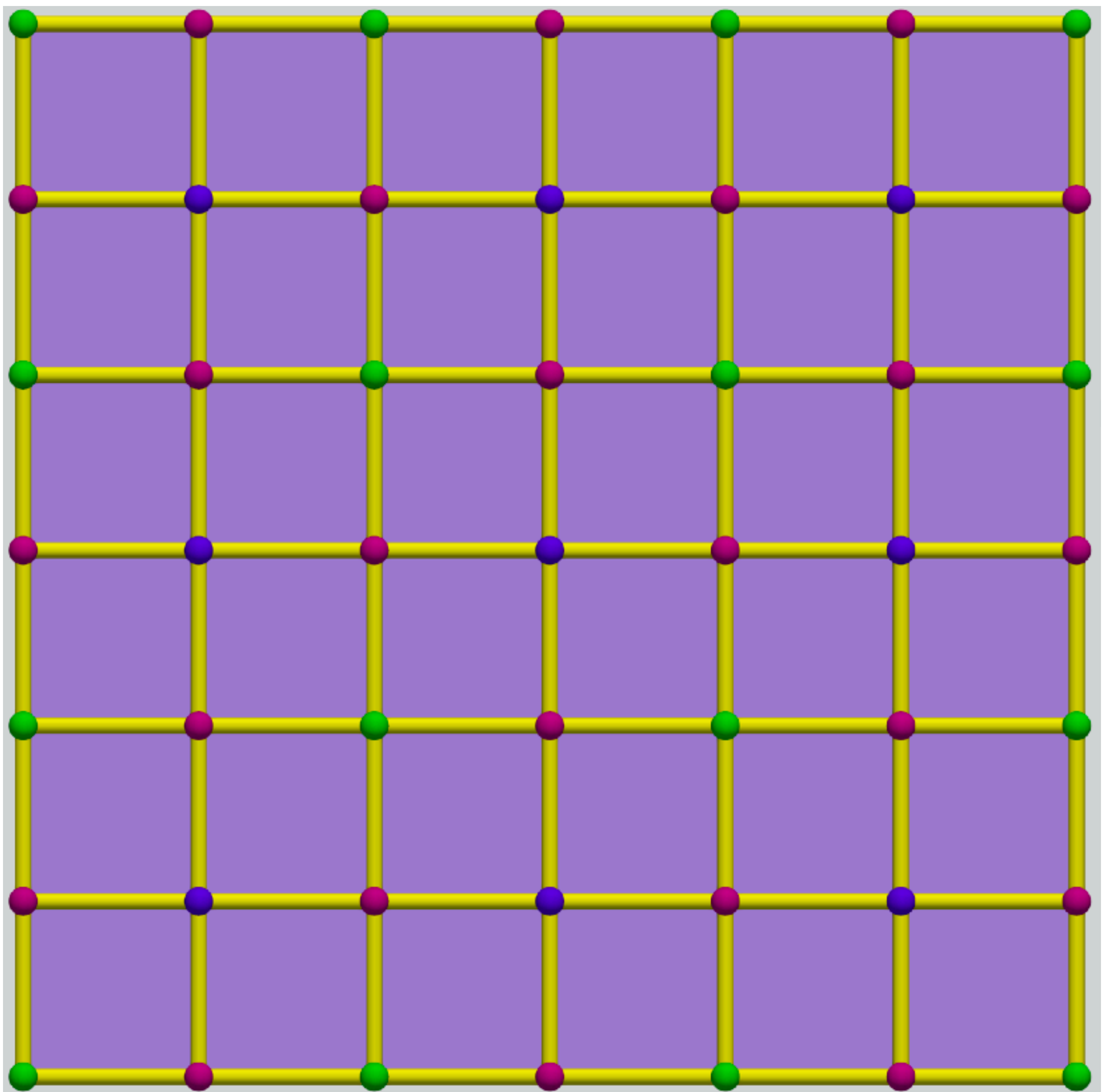
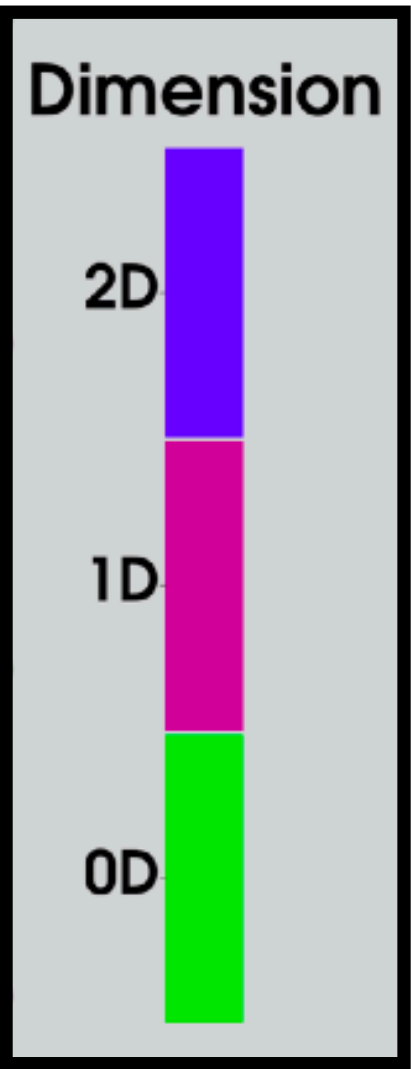


Figure 11: Pre-expanded cell complex.

# Expanding the Cell Complex

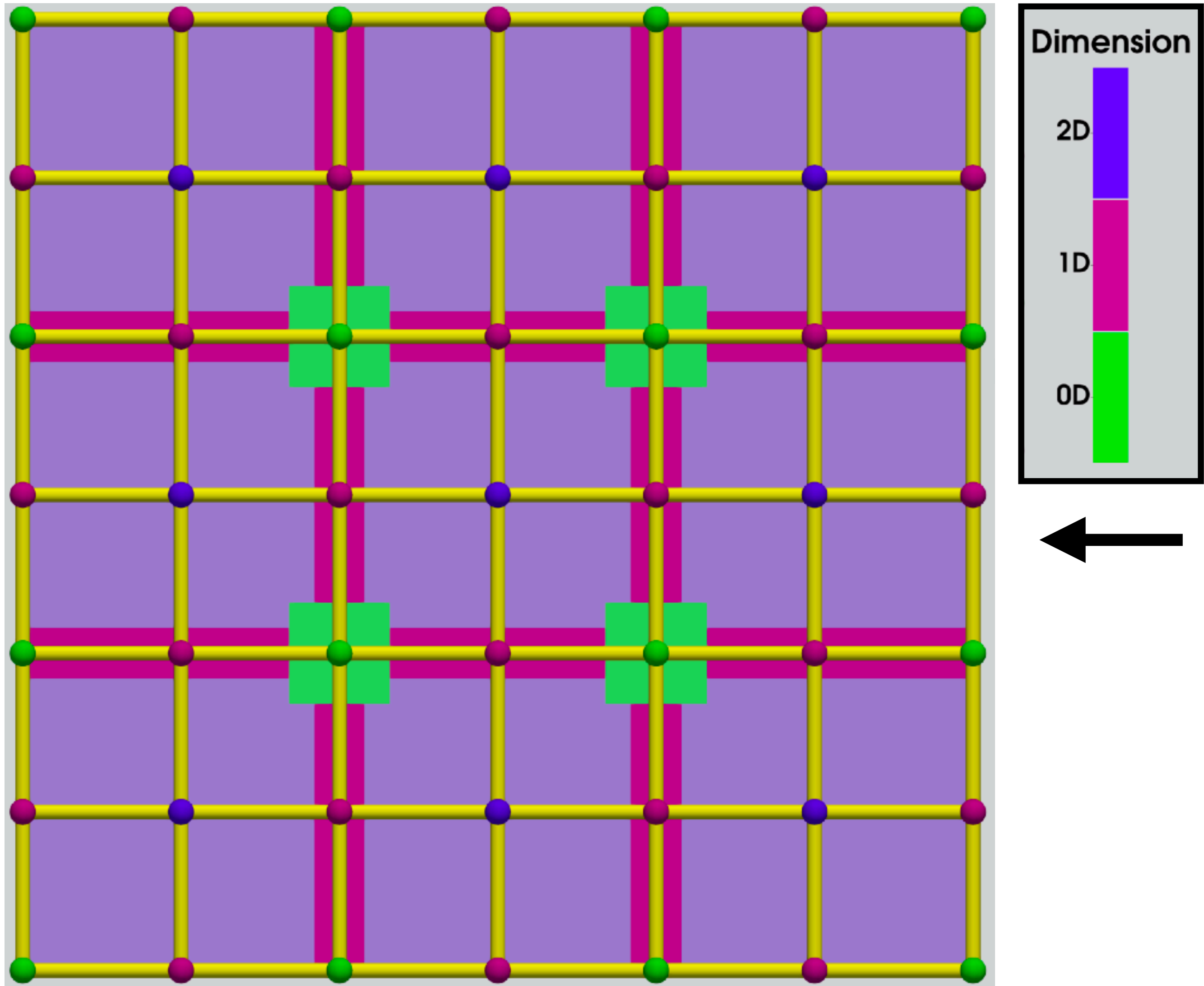


Figure 12: Expanded cell complex, lower dimensions are well-separated.

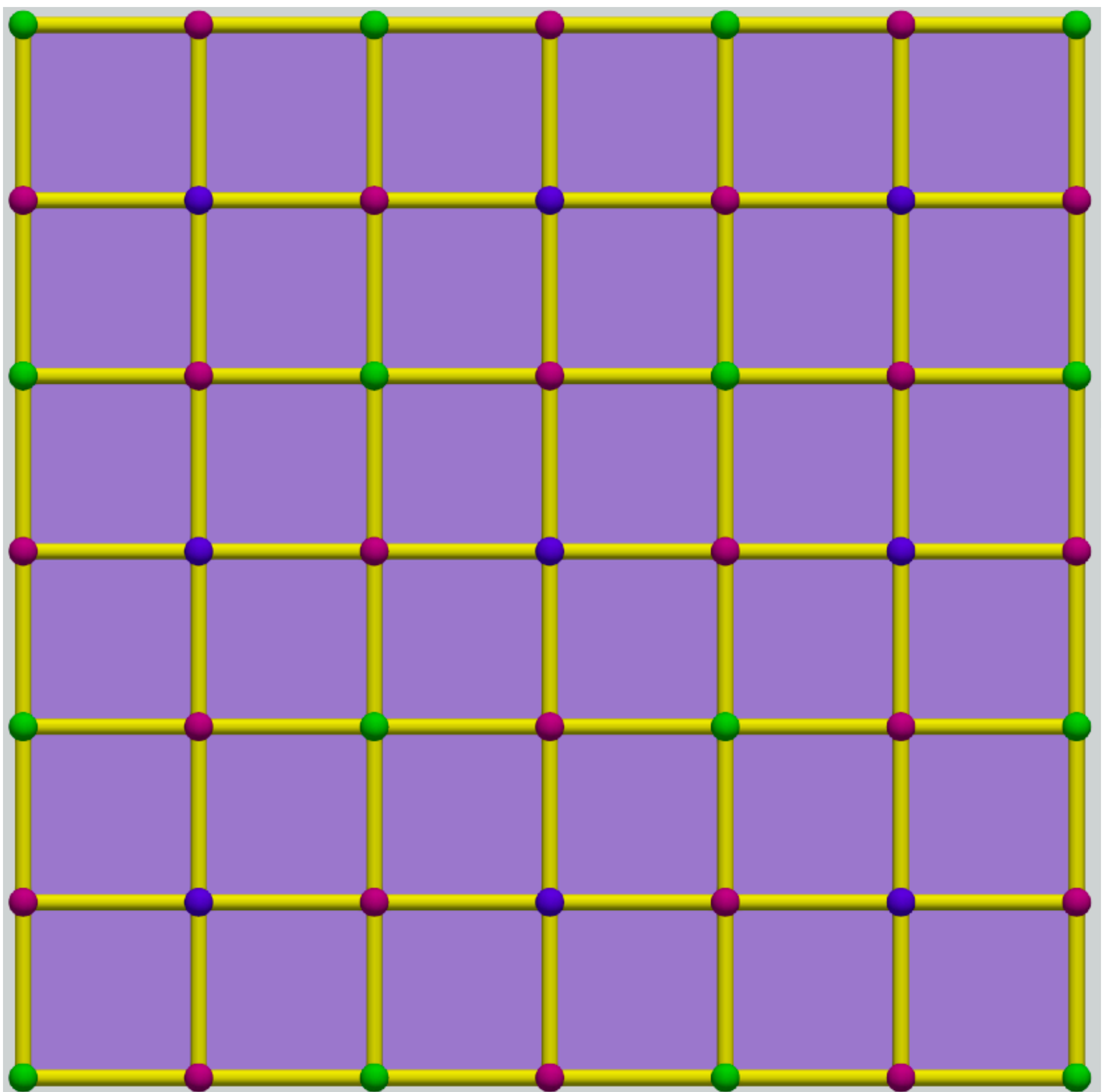


Figure 13: Label lattice graph to make a pre-expanded cell complex.