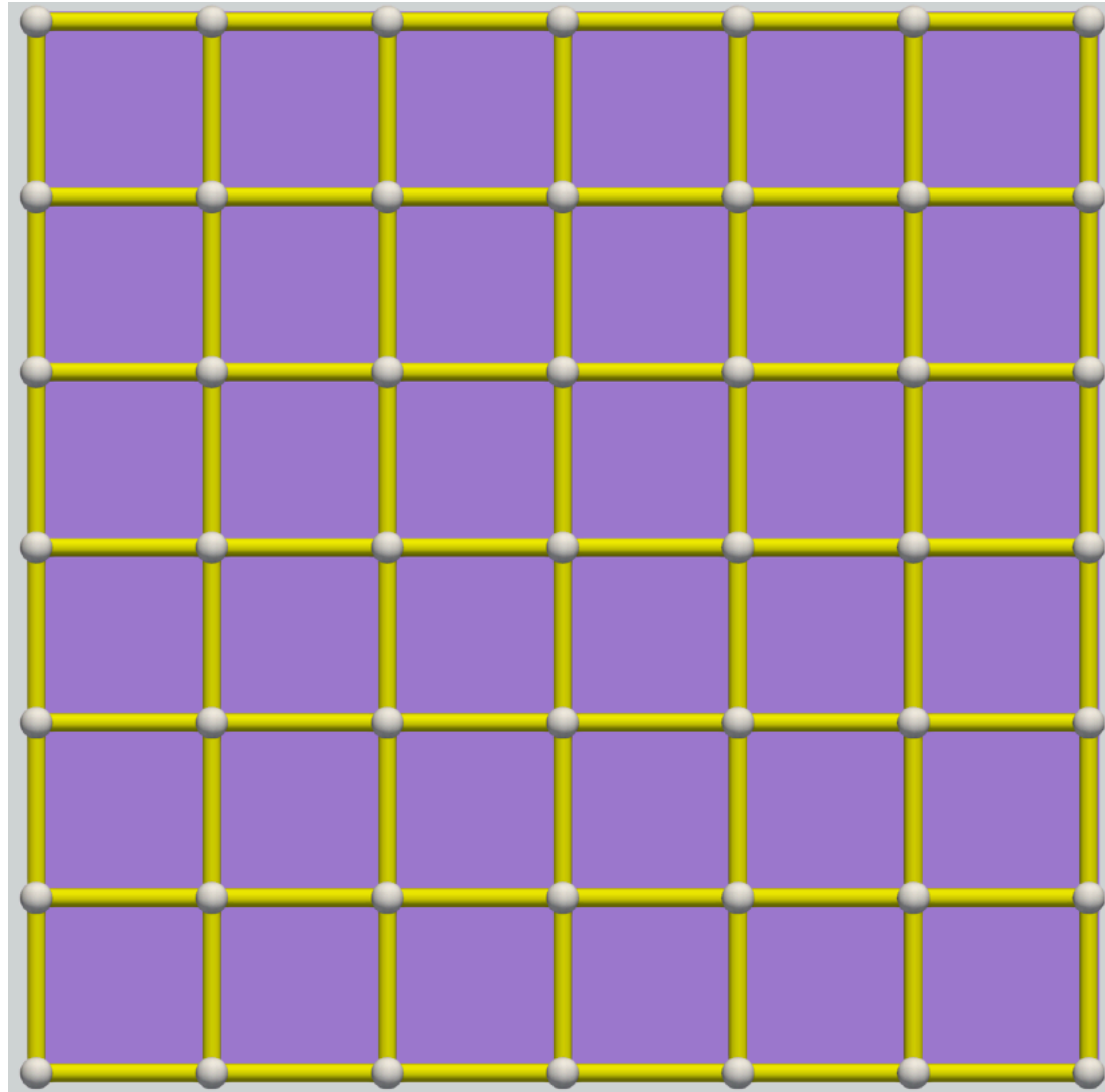# Creating a Regular Lattice from Subdivision
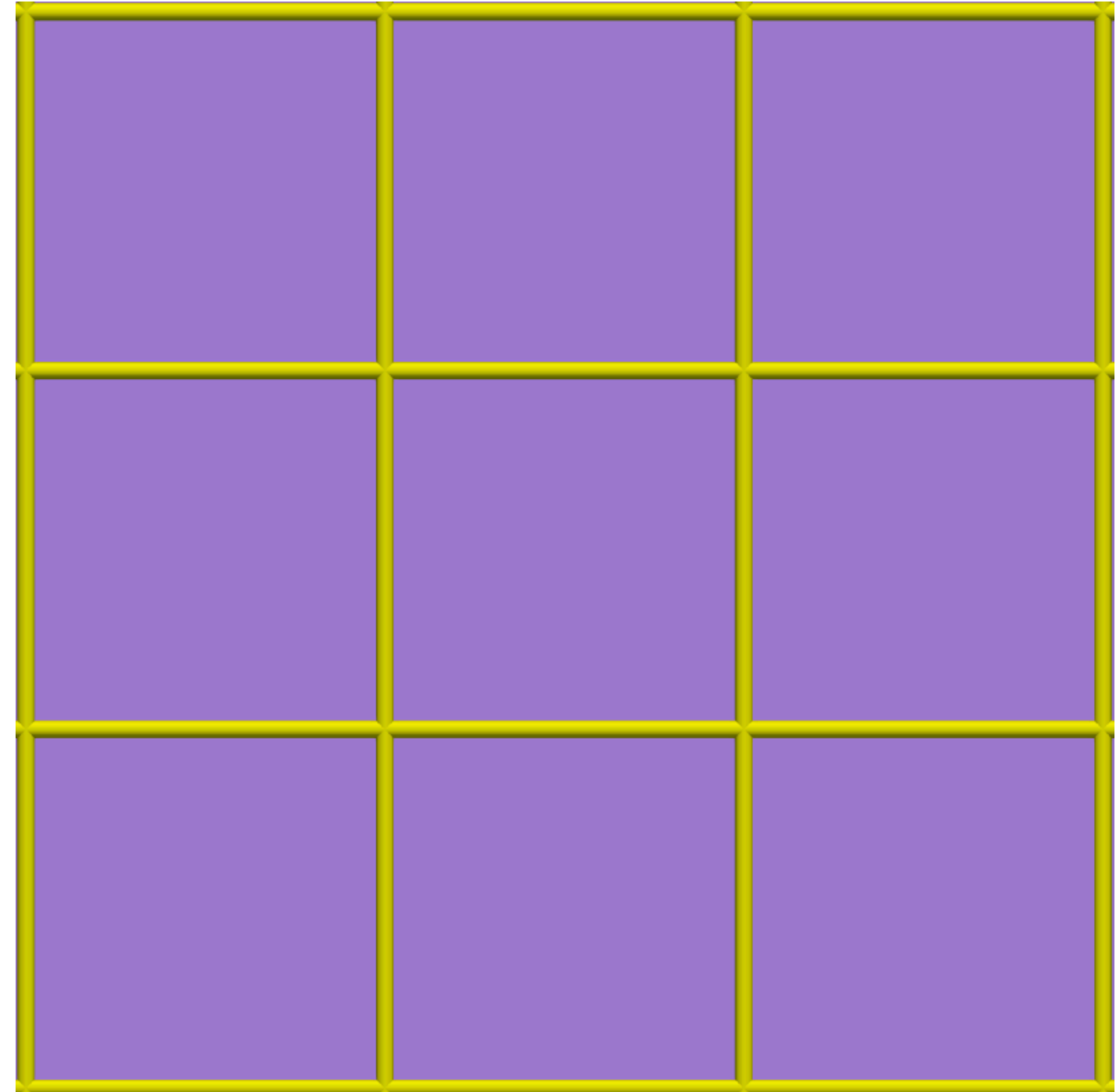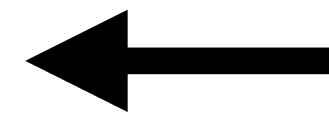

Figure 8: Lattice graph.

Figure 9: 3x3 subdivided space.
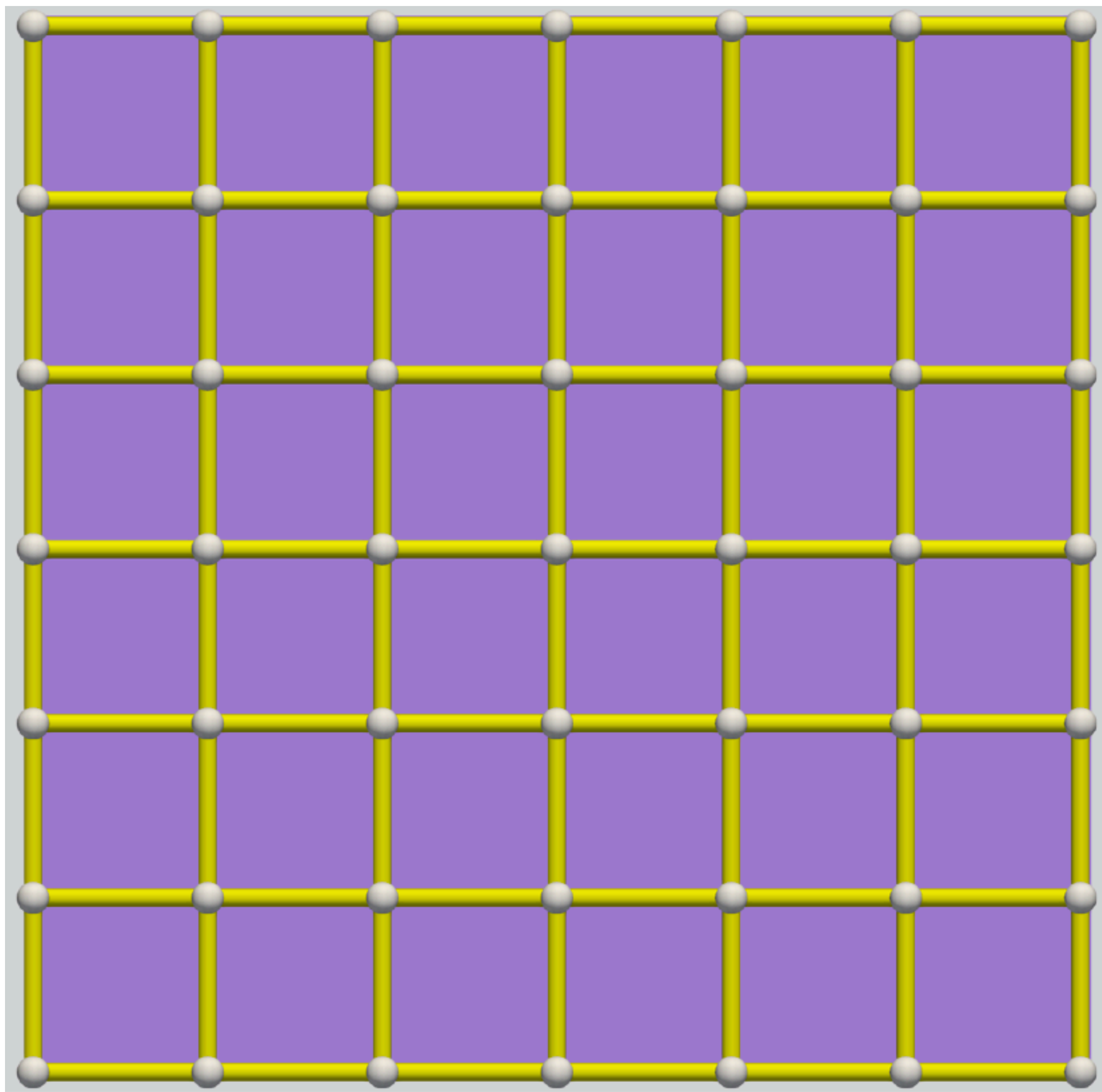
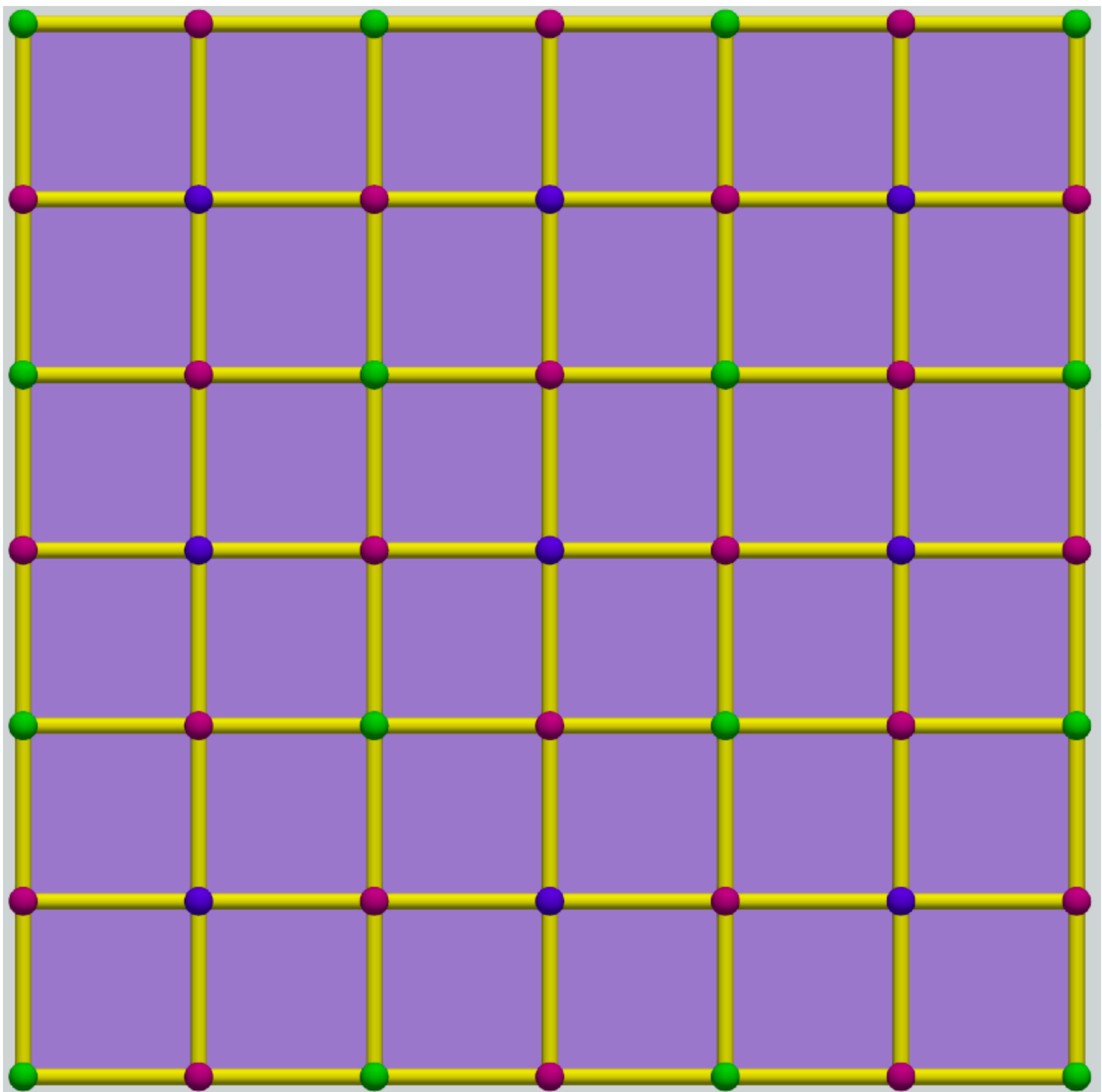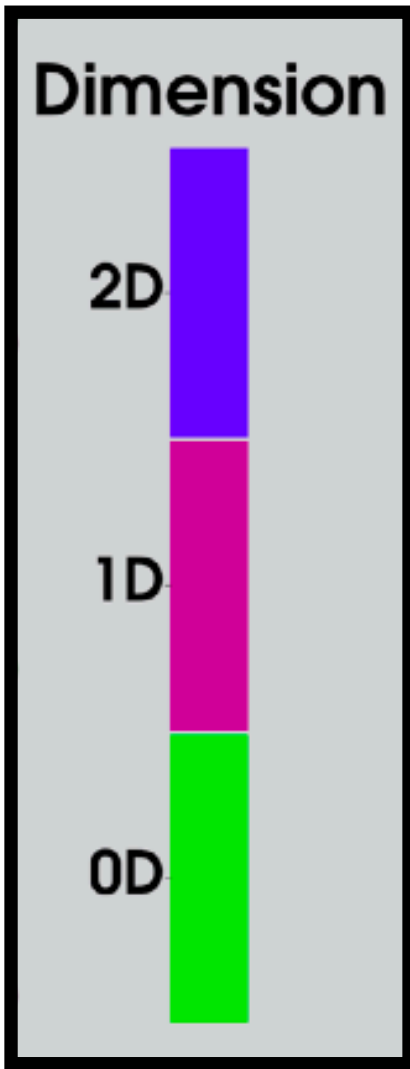# Labeling the Lattice Graph to Build Cell Complex

Figure 10: Lattice graph.

18

Figure 11: Pre-expanded cell complex.