

Expanding the Cell Complex

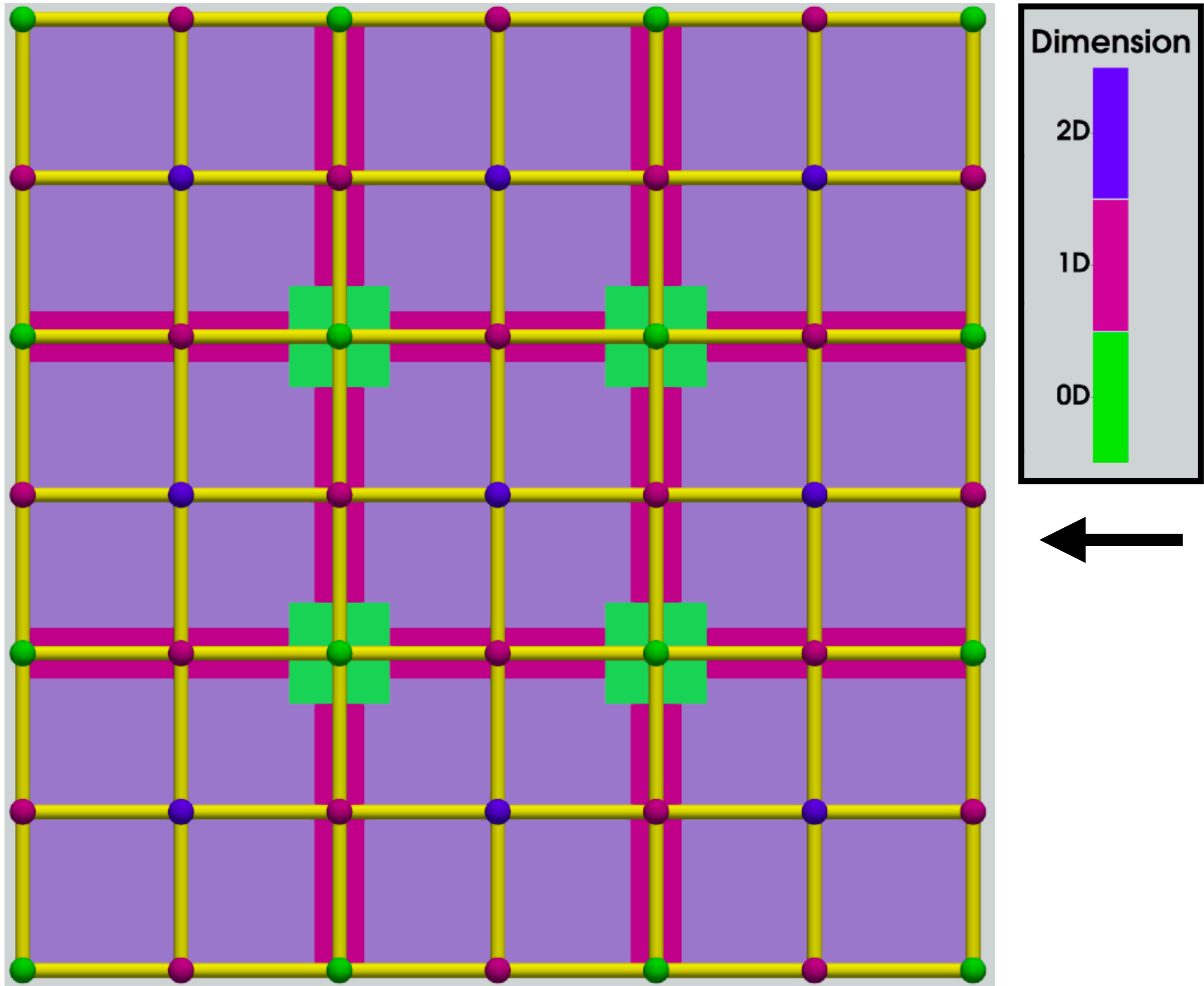


Figure 12: Expanded cell complex, lower dimensions are well-separated.

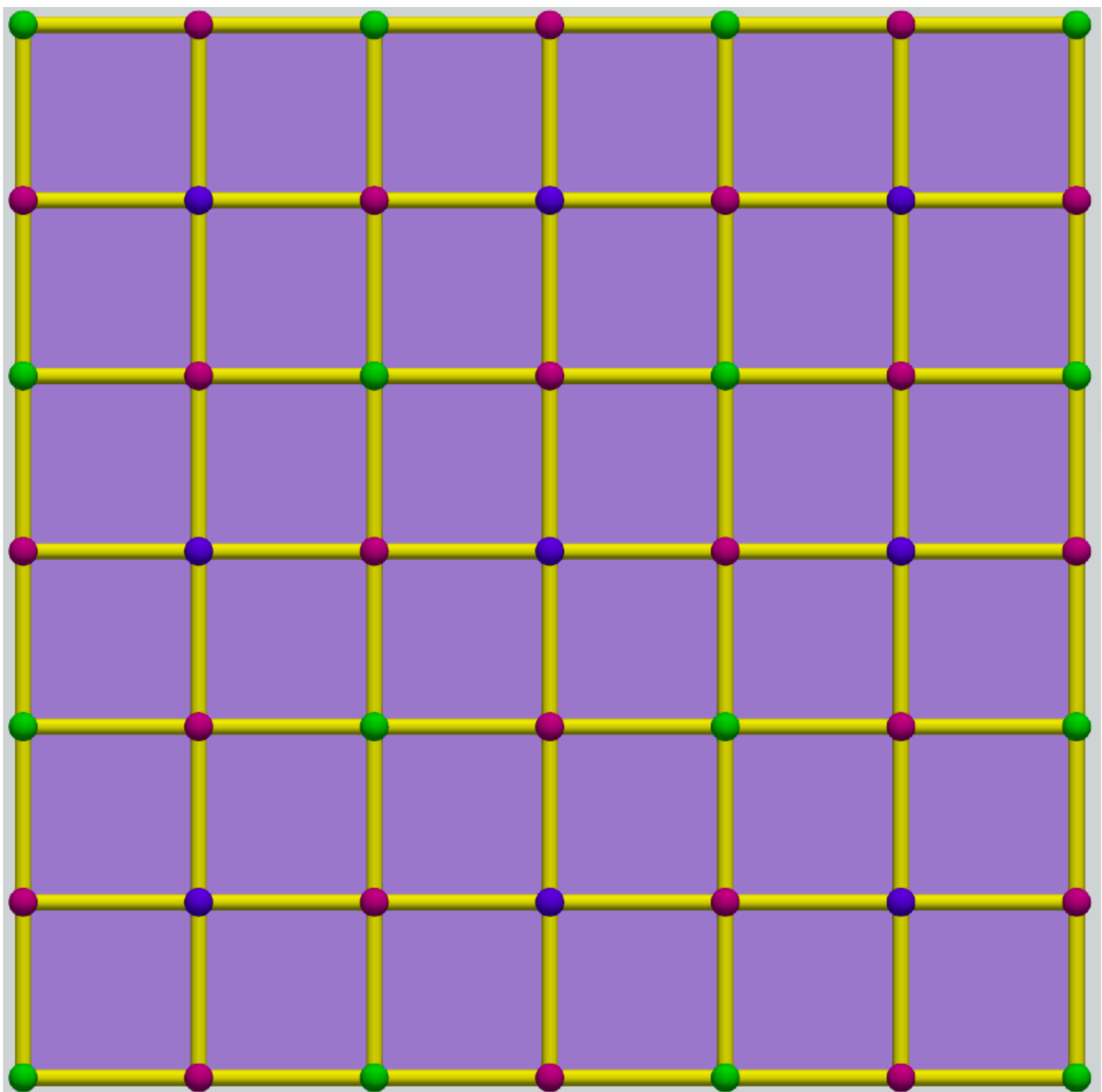


Figure 13: Label lattice graph to make a pre-expanded cell complex.

Initialize the Simulation Space

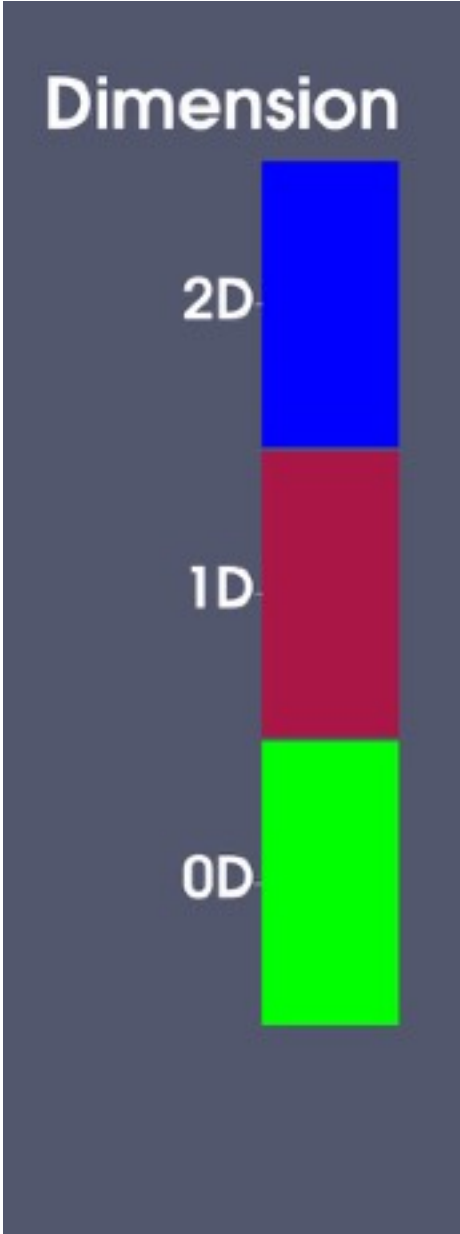
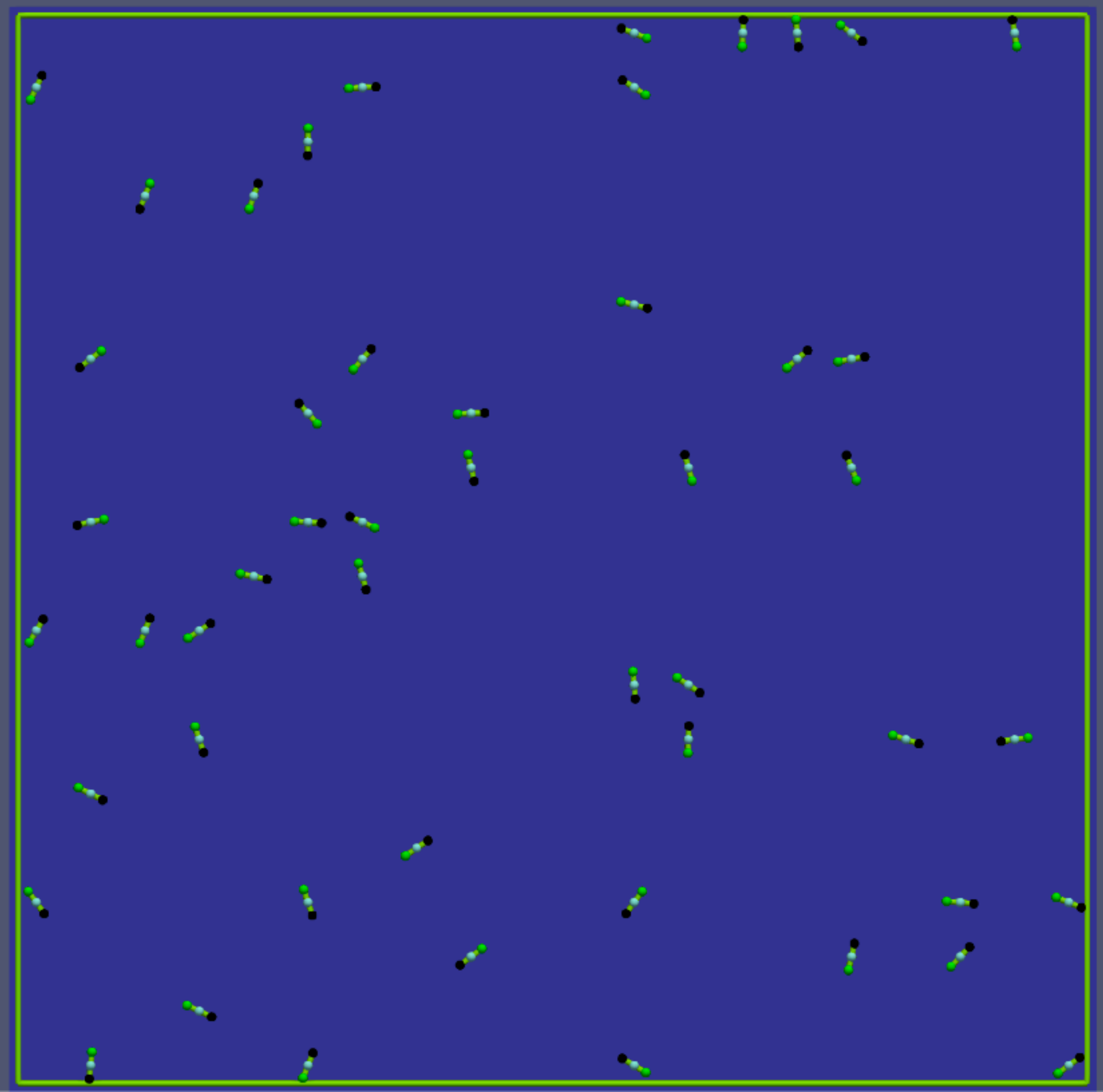


Figure 14: Initialized simulation space, with no cell complex expansion.

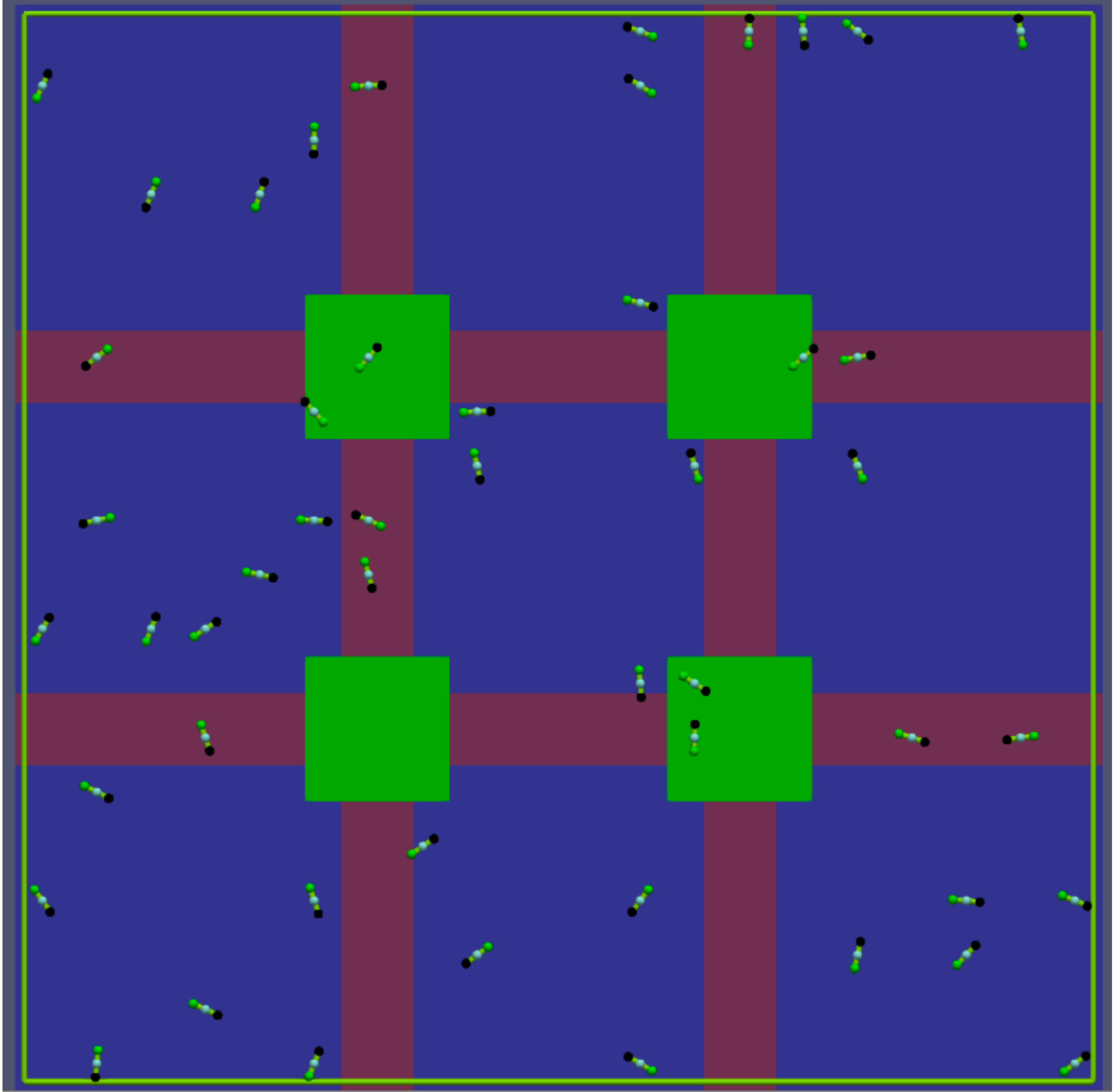


Figure 15: Initialized simulation space, with expanded cell complex, expanded cells are larger enough to hold matches.