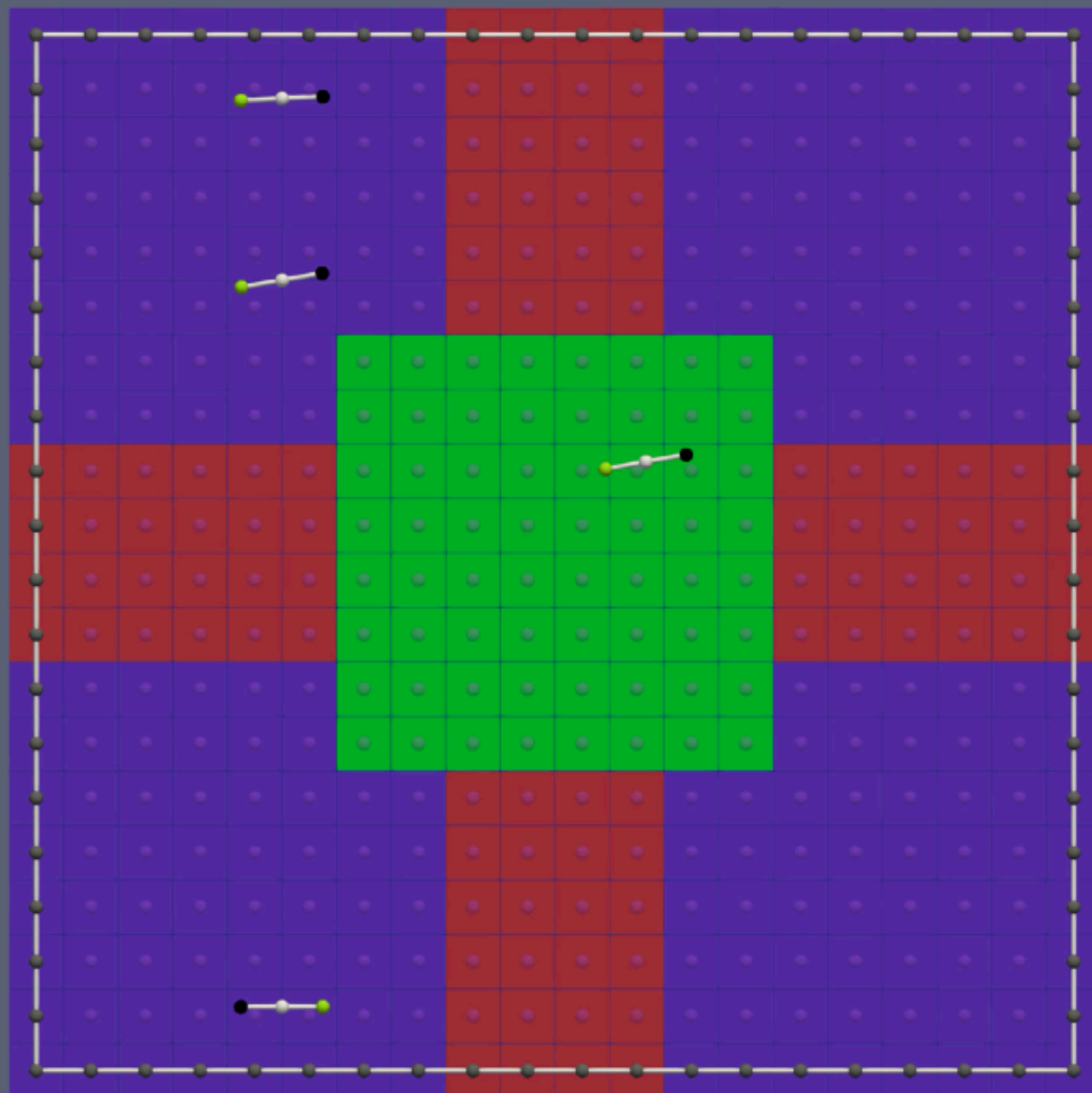


Goals



- What Dynamical Graph Grammars (**DGGs**) are.
- The language of DGGs.
- The exact and approximate algorithms.
- The Dynamical Graph Grammar Modeling Library (**DGGML**) and its contribution.
- A better understanding of DGGs through the two plant cell cortical microtubule array (**CMA**) examples.
 - Interesting results we found.
- The future path forward!

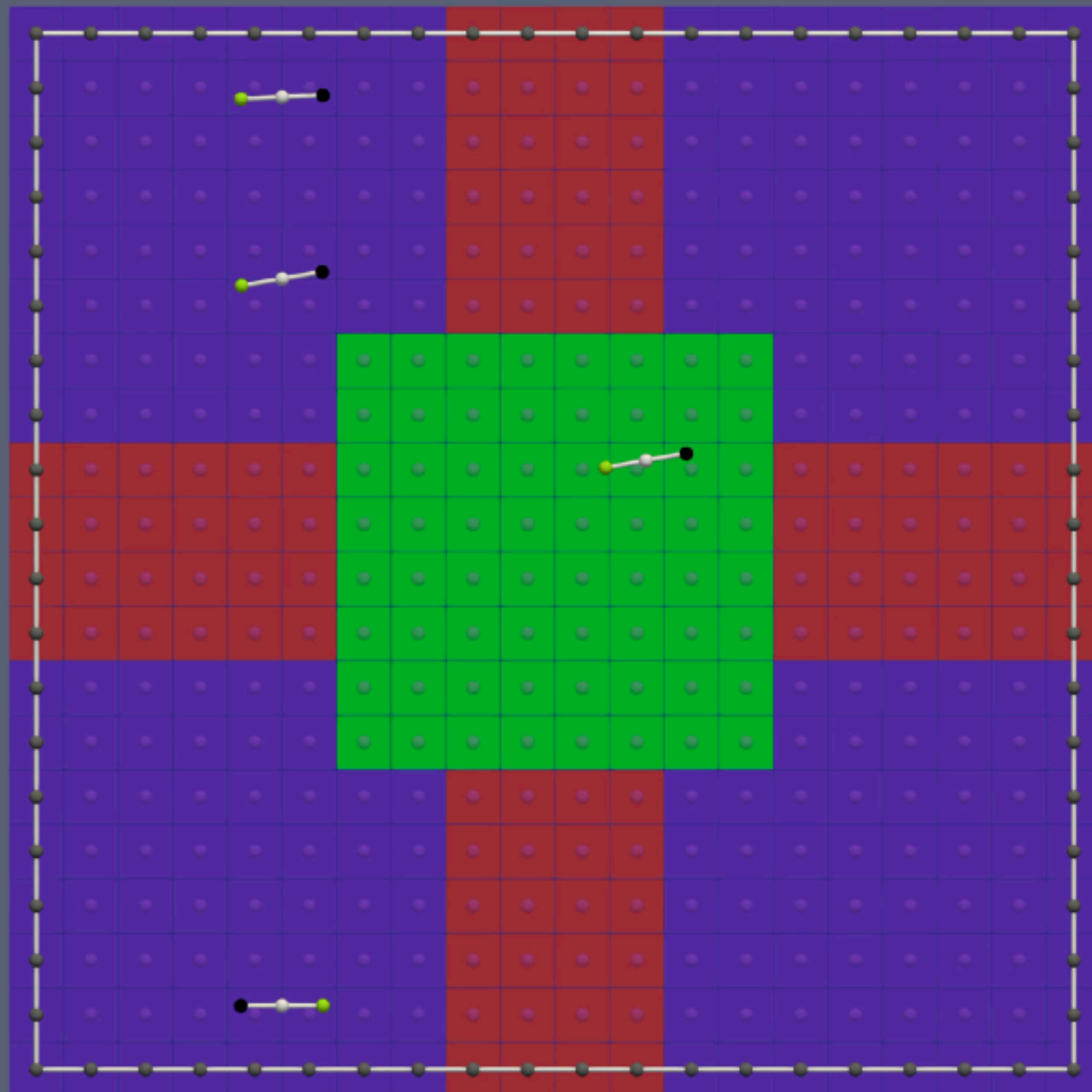
What take away from this presentation.



Node Type

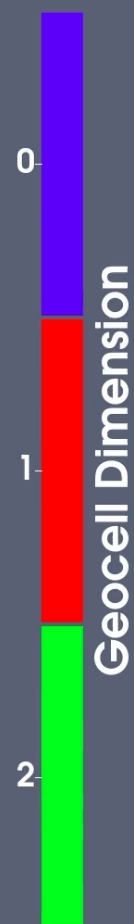
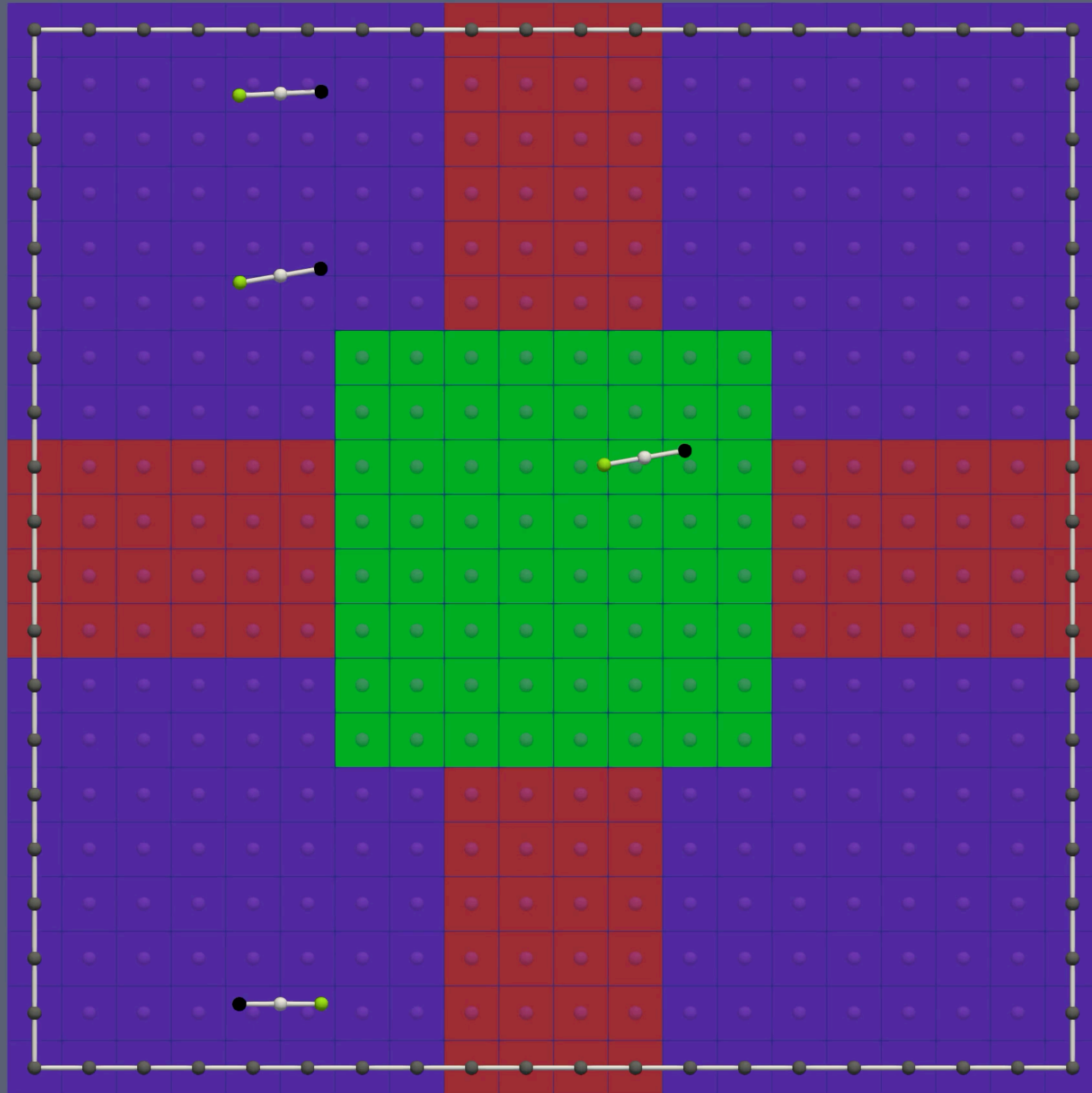


Figure 1: A DGG simulation.



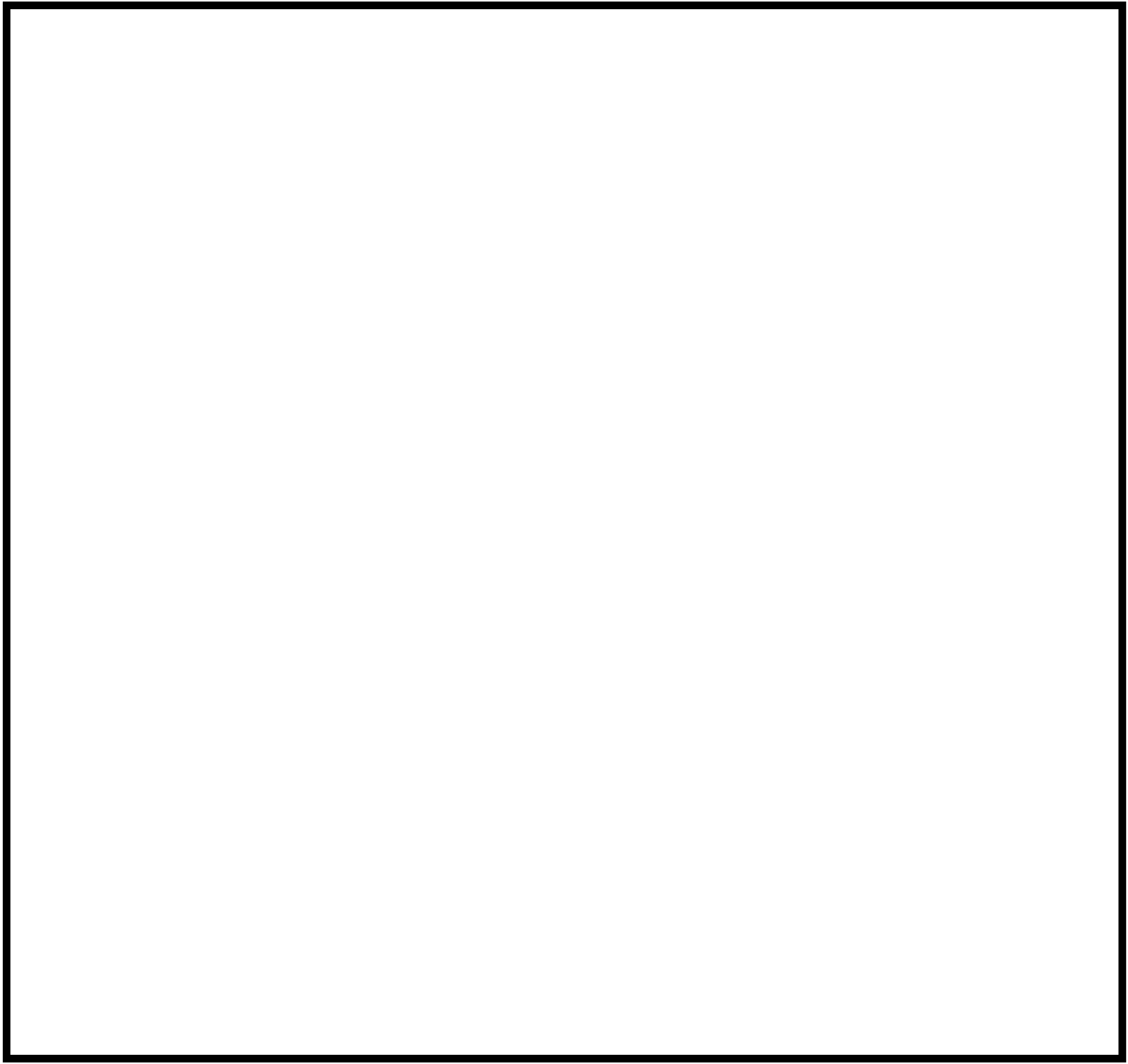
Node Type





Node Type





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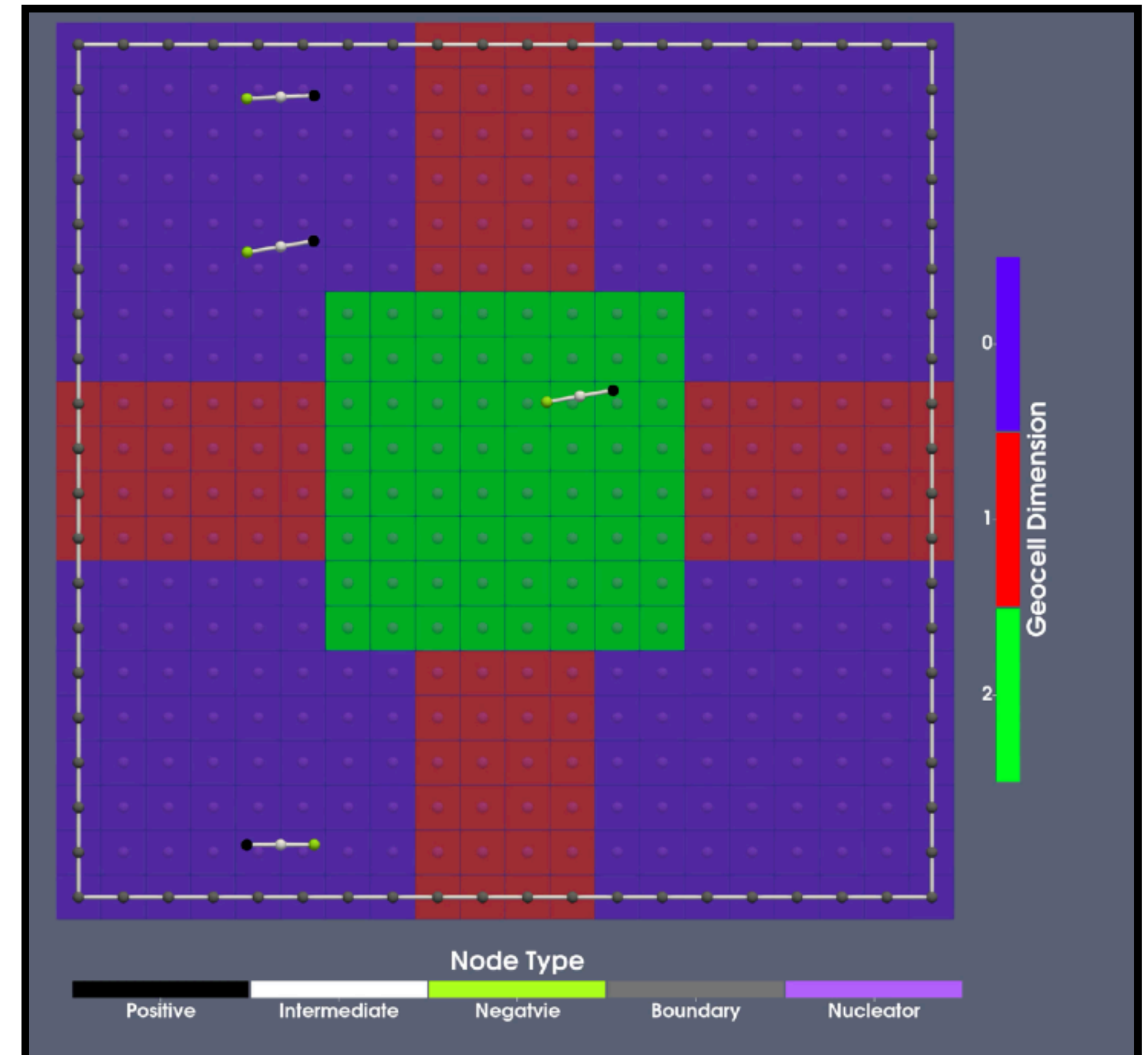


Figure 1: A DGG simulation.

Dynamic Graphs and the DGG Formalism