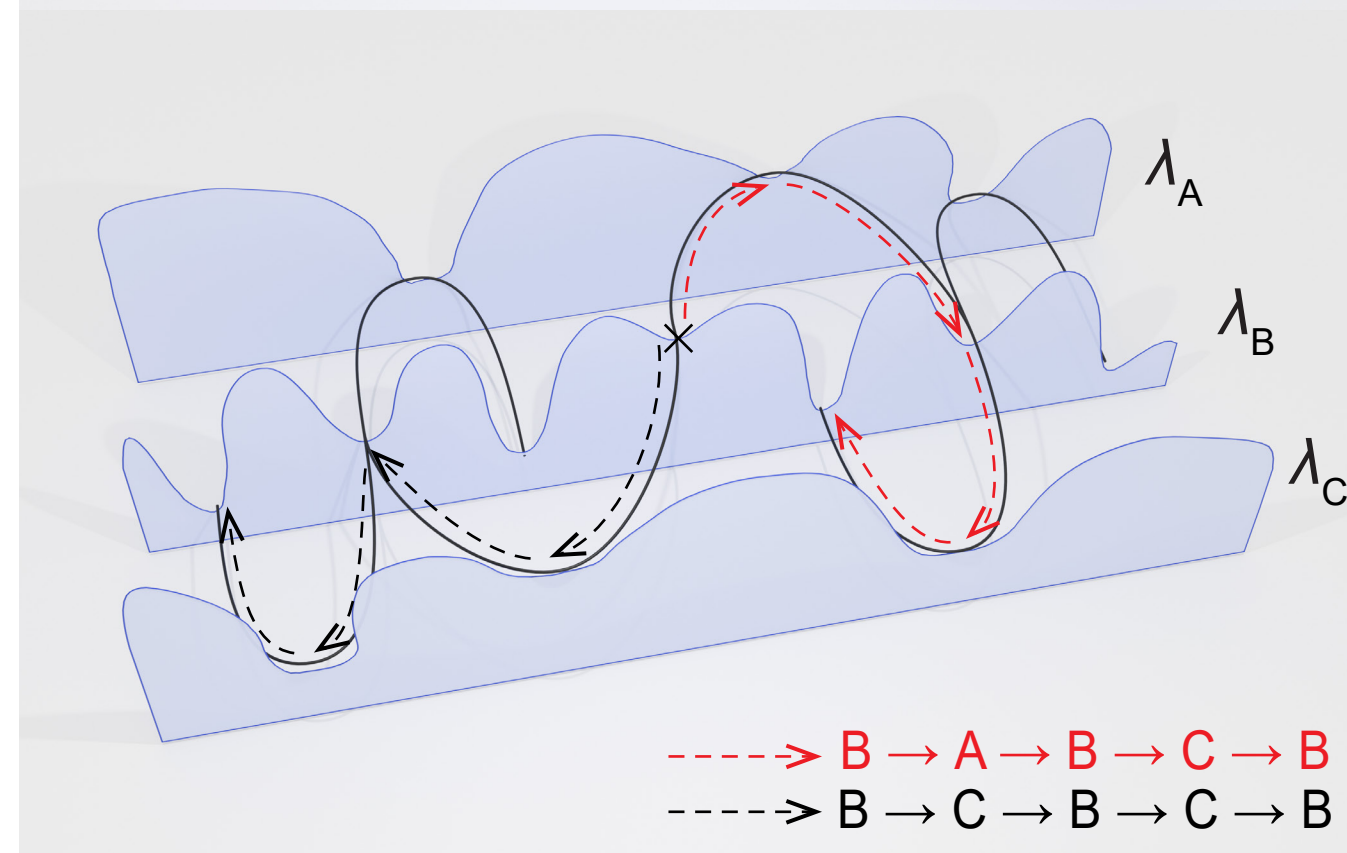
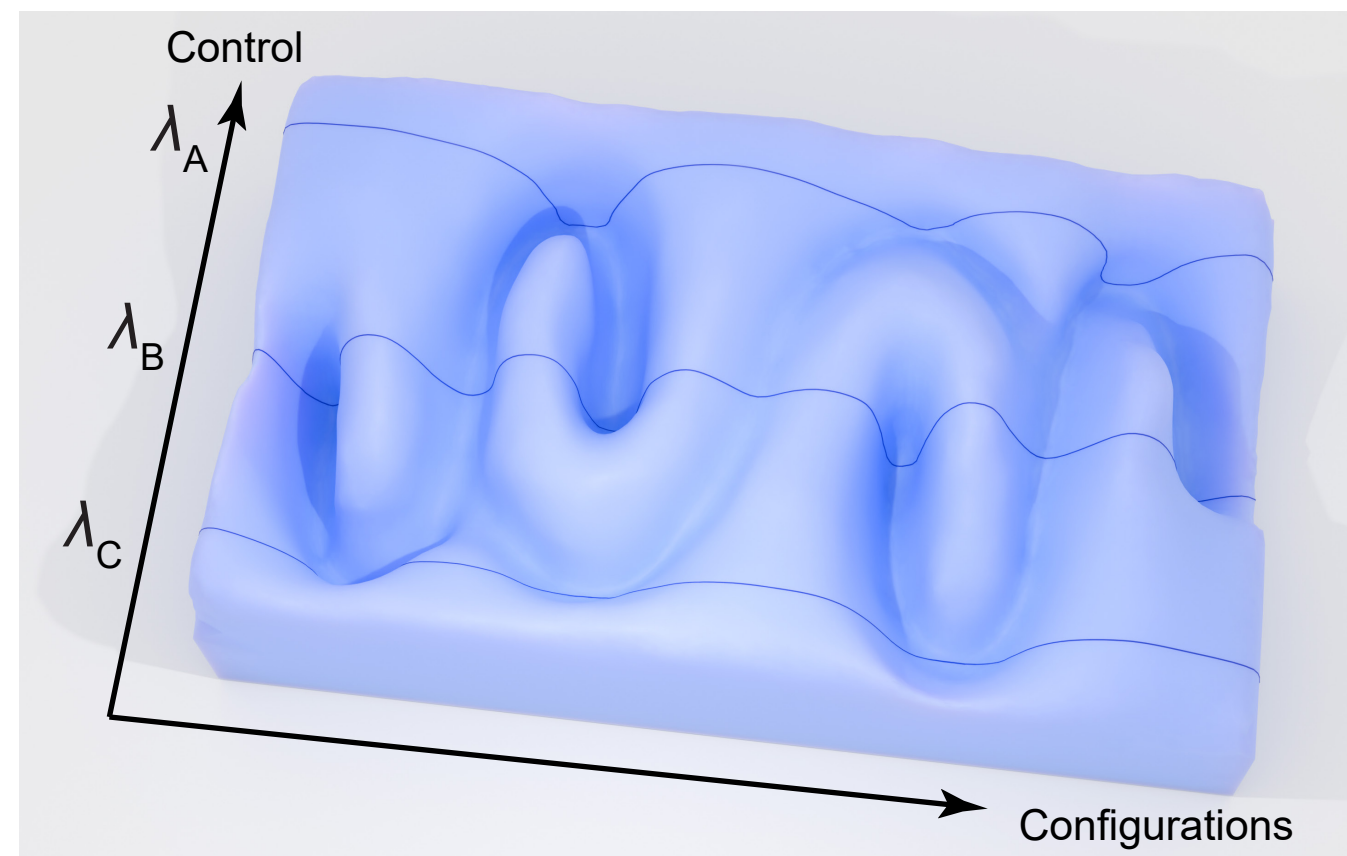
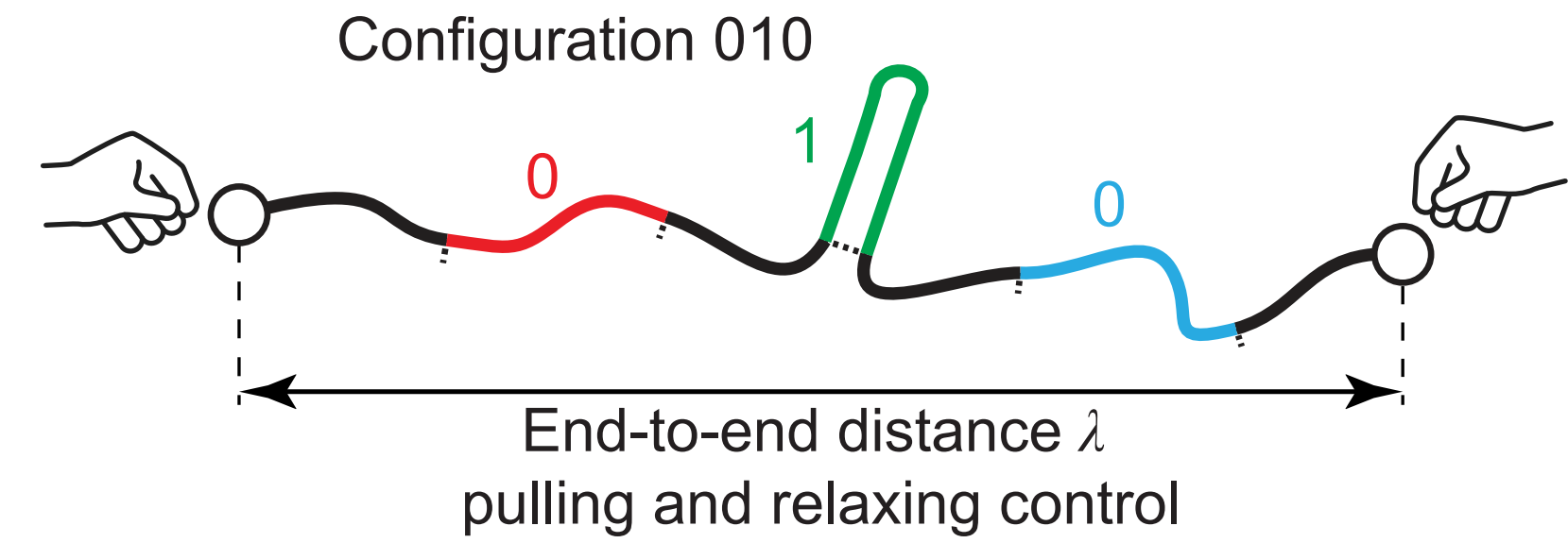
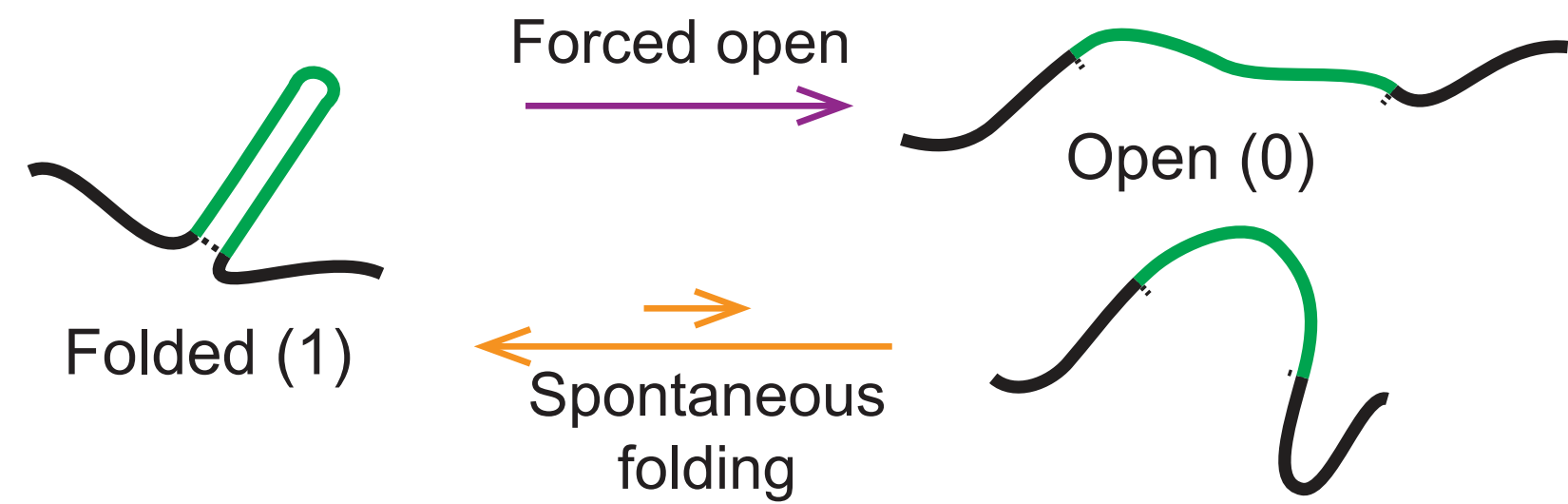


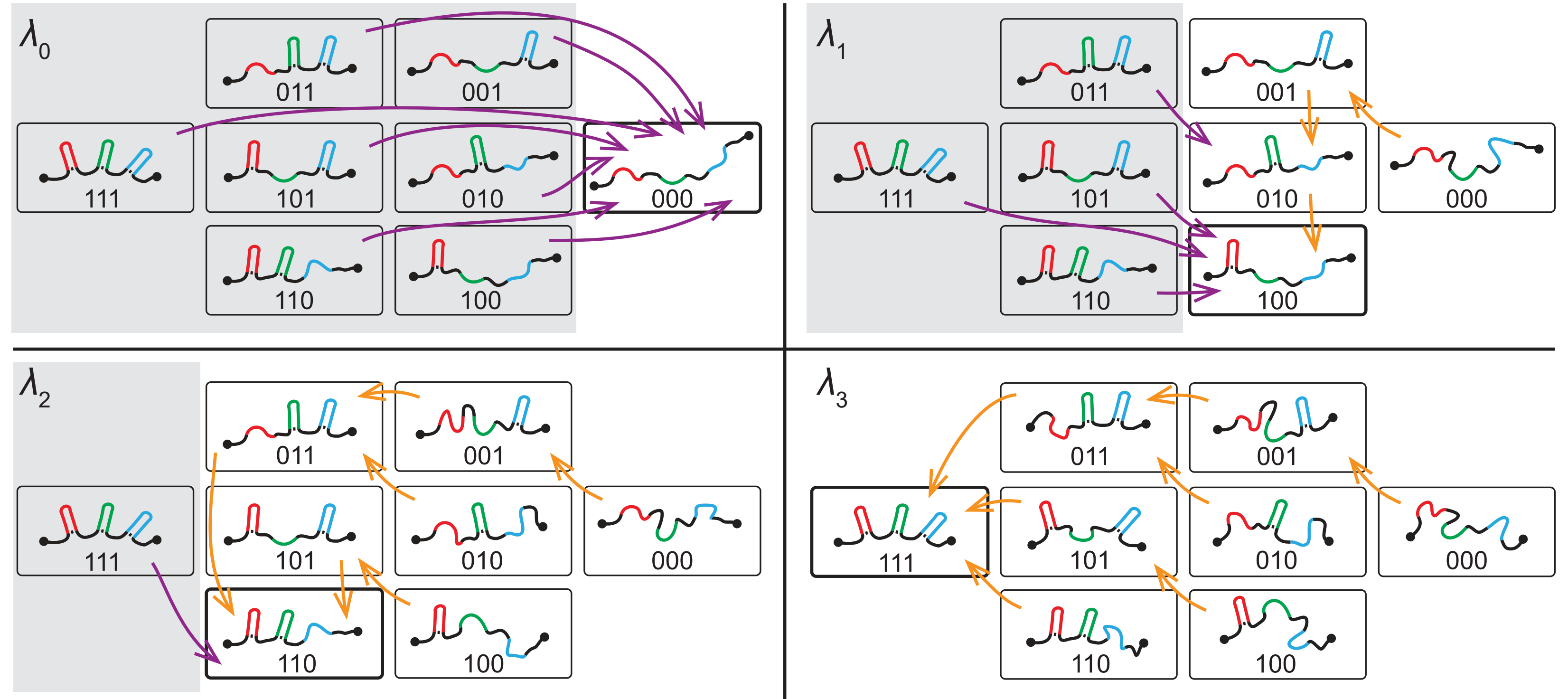
# Non-equilibrium Design Principles — Intelligent Molecule for Temporal Pattern Recognition and Computation

Zhongmin Zhang and Zhiyue Lu, Department of Chemistry, University of North Carolina at Chapel Hill

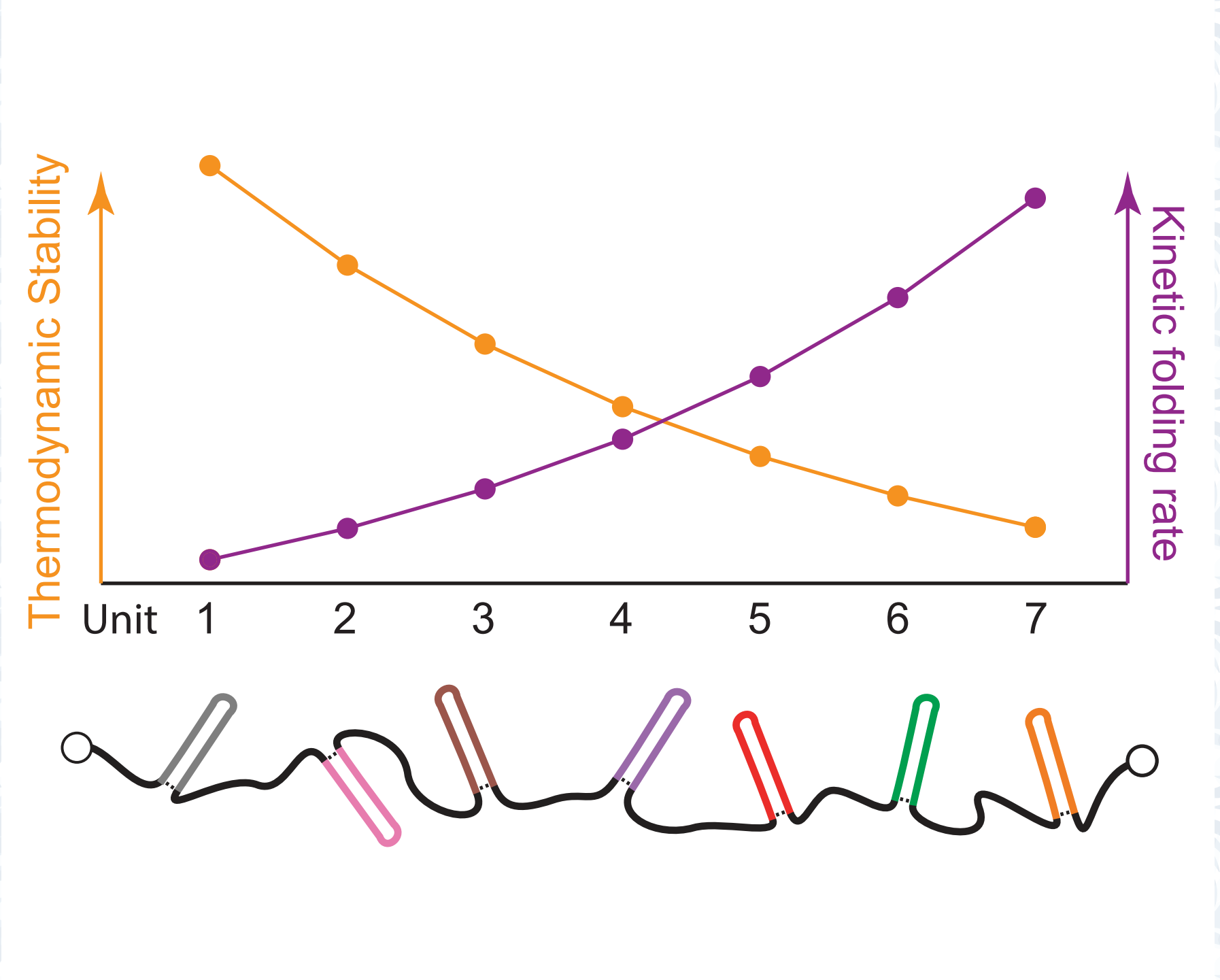
No. 12, 2nd week



Transition table for the most probable next configuration at control  $\lambda_i$  where at most  $i$  units can be folded



# Full Non-equilibrium Controllability



Discrepancy design rule:  
thermally stable states are  
kinetically slow to reach.

