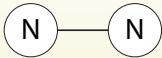
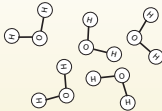


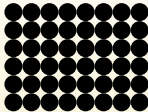
Ideal Gas



Bulk Liquid



Macroscopic Solid



No intermolecular interactions
Only sum over states
of individual molecule

Need all inter/intramolecular
states, MC/MD to get thermo-
dynamic quantities

No rotation or translation.
Sum over vibrational modes