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 - at constant pressure and temperature, dictates
 - spontaneity and
 - equilibrium constant of process
 - in biomolecular simulation, interest in free energy differences between
 - conformations of a macromolecule
 - thermodynamic states with different temperature, pressure, volume, or other parameters
 - $\Delta G = \Delta H + T\Delta S$, but ΔS is very challenging to compute



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What is ΔA ?