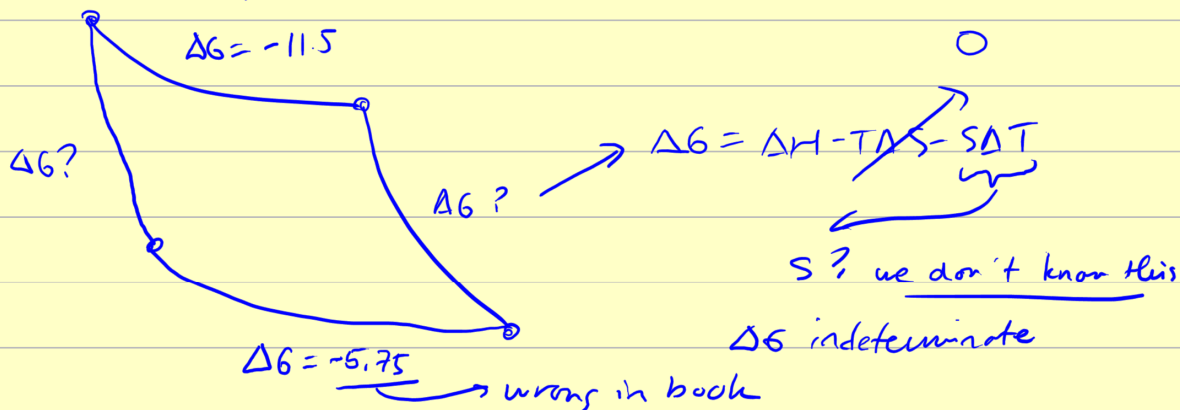


P3.5 (8th Ed.); P4.5 (7th Ed.)



but  $\Delta G = 0$  for the system for a cyclic process

so,  $\Delta G$  for adiabatic steps is  $\Delta G = - \frac{(-11.5 - 5.75)}{2} = 8.625 \text{ kJ}$