

$$\Delta G_S = \Delta G_b + \Delta G_R \quad (A)$$

$$\Delta G_T^\ddagger = \Delta G^\ddagger + \Delta G_S \quad (B)$$

$$\Delta G^\ddagger = \Delta G_0^\ddagger - \Delta G_R \quad (C)$$

$$\Delta G_T^\ddagger = \Delta G_0^\ddagger + \Delta G_b$$

