$$\frac{dN_A}{dt} = 0 = F_{Ao} - F_A - W \cdot F_A = W = \frac{1}{5} \text{ and } \frac{1}{5}$$

$$\frac{d\theta_A}{dt} = k_1 P_A \left(1 - \theta_A - \theta_b \right) - k_2 \theta_A$$

$$\frac{d\theta_{8}}{dt} = k_{2}\Theta_{A} - k_{3}\Theta_{B}$$

$$I_2 = \frac{1}{s}$$

B(g)

$$k_1 P_A \Rightarrow \frac{1}{5}$$

$$k_1 = \frac{1}{P \cdot 5}$$

$$k_3 \Rightarrow \frac{1}{5}$$

 $D_2 + C_2H_1$ $D_2 + C_2H_1$ $D_3 \rightarrow 3$ C_2H_1 C_2H_1 C_2H_2 C_2H_1 C_2H_2 C_2H_2 C

$$\frac{1}{\sqrt{4}} = \frac{1}{\sqrt{6}} = \frac{1}{\sqrt{6}}$$

$$\frac{\text{If sites}}{\text{cm}^2}$$

$$\frac{10^{13} - 10^{15} \text{ sites}}{\text{cm}^2}, \frac{1}{\text{NA}}, \left(\frac{\text{m}^2}{\text{gm}}\right) \Rightarrow \frac{\text{mol sites}}{\text{gm cnt}}$$

$$\frac{SA}{gm}$$

$$\frac{A}{B}P_A \Rightarrow \frac{1}{S}$$

$$\frac{A}{C} \Rightarrow \frac{1}{S}$$

$$A' = \frac{A}{B}$$

$$C' = \frac{C}{B}$$

$$B = \frac{1}{S^2}$$

$$C = \frac{1}{S^2 p}$$

$$W = \frac{F_{Ao} - F_{A}}{-C_{A}}$$

$$V = \frac{F_{Ao} - F_{A}}{-C_{A} \cdot RT}$$

FA = mol

Ca = ml