

$$\Rightarrow V_3 \left[\begin{array}{ccc} c_2 D + \bot + \bot + \bot \\ R_{\bullet} & R_3 & L_2 D \end{array} \right] - V_{\lambda} \cdot \bot = 0 \quad (\mathbb{II})$$

$$\Rightarrow \text{Eq[T]:} \quad (\omega_1 - \omega_2) \cdot \underline{L} = T(+) \Rightarrow X_1 \cdot (\theta_1 - \theta_2) = T(+)$$

+Eq. (II):
$$\omega_2 \cdot \left[\sigma_1 D + \frac{1}{8} + \frac{1}{8} + \frac{1}{4} + \frac{1}{4} \right] - \omega_1 \cdot \frac{1}{4} - \omega_3 \frac{1}{8} = 0 \Rightarrow$$

$$\Rightarrow J_1 \dot{\theta}_2 + (B_1 + B_3) \cdot \dot{\theta}_2 + K_1 \cdot (\theta_1 - \theta_2) - B_3 \dot{\theta}_3 = 0$$

$$\Rightarrow \text{Eq. (III): } \omega_3 \cdot \left[J_2 D + \frac{1}{B_1} + \frac{1}{B_3} + \frac{1}{K_2} \right] - \omega_2 \frac{1}{B_3} = 0 \Rightarrow$$

$$\Rightarrow J_2 \ddot{\Theta}_3 + (B_2 + B_3) \dot{\Theta}_3 + K_2 \Theta_3 - B_3 \dot{\Theta}_2 = 0$$