

$$\frac{1}{C_1D}i_1 - \frac{1}{C_2D}i_2 = e(t) \Rightarrow K_1 \cdot (\theta_1 - \theta_2) = T(t)$$

·Malha 🔃:

$$(L_1D + R_1 + R_3 + \frac{1}{C_1D})i_2 - \frac{1}{C_1D}i_1 - R_3i_3 = 0 \Rightarrow$$

Logit goland

·Malha (3):

$$(L_{\lambda}D + R_{\lambda} + R_{3} + \frac{1}{C_{2}D})i_{3} - R_{3}i_{\lambda} = 0 \Rightarrow$$

$$\Rightarrow J_{\lambda}\ddot{\theta}_{3} + (B_{1}+B_{3})\dot{\theta}_{3} = B_{3}\dot{\theta}_{\lambda}$$

Obs: Esse exercício o Igual ao ex. 1 do slide de analogia do tipo 2