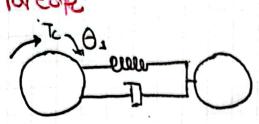
Toreste



$$I_{1}\theta_{1} \xrightarrow{\beta} \beta(\theta_{3} - \theta_{1})$$

$$\beta(\theta_{x}\theta_{L})$$

$$b \dot{\theta}_{1} = \frac{T_{1} \cdot k_{1}(\theta_{1} - \theta_{2}) - B(\dot{\theta}_{1} - \dot{\theta}_{2})}{T_{1}}$$

$$\begin{bmatrix}
 q_{1} \\
 q_{2} \\
 q_{3}
 \end{bmatrix}
 \begin{bmatrix}
 0 \\
 2/I_{3} \\
 q_{3}
 \end{bmatrix}
 \begin{bmatrix}
 0 \\
 0
 \end{bmatrix}$$