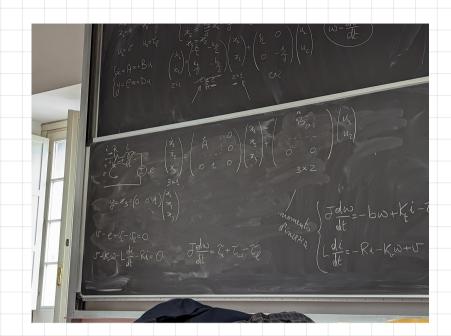


$$y = w = x_2 = (0 \ 1)$$
 $\begin{pmatrix} x_1 \\ x_2 \end{pmatrix} + (0 \ 0) \begin{pmatrix} w_1 \\ w_2 \end{pmatrix}$ ~ 0 $y = \subseteq x + \supseteq y$

Se voglio considerare anche la **posizione angolare** devo aggiungere una variabile di stato:

$$\dot{\chi}_3 = \dot{\chi}_2 \left(\dot{\chi}_3 = \omega = \frac{d\theta}{d\epsilon} \right)$$

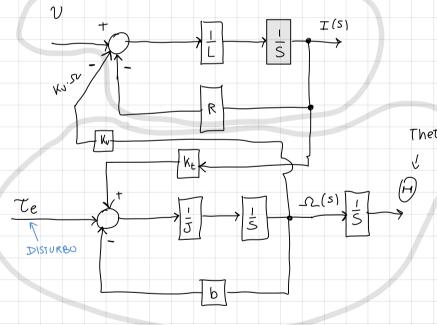




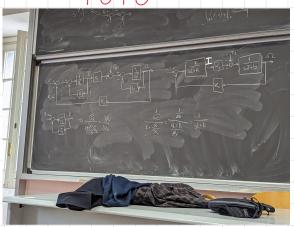
Parte elettrica

SCHEHA A BLOCKHI

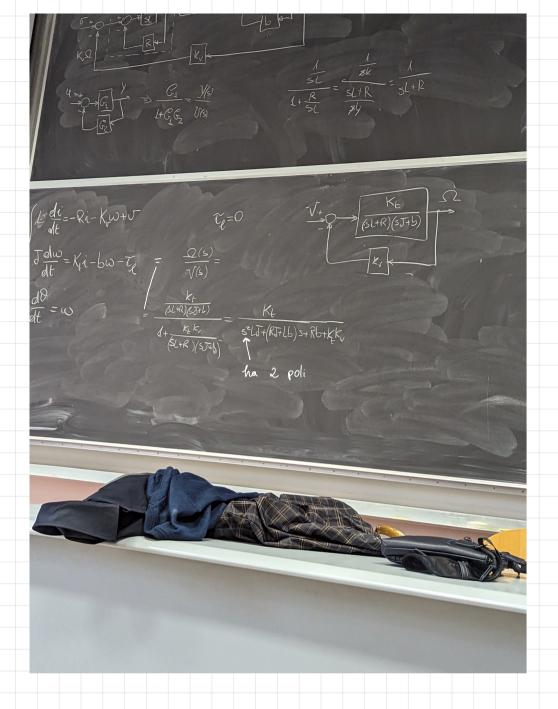
$$\begin{cases} L i = -Rx - K_v w + v \\ J w = K_t c - bw - Te \end{cases}$$



FOTO

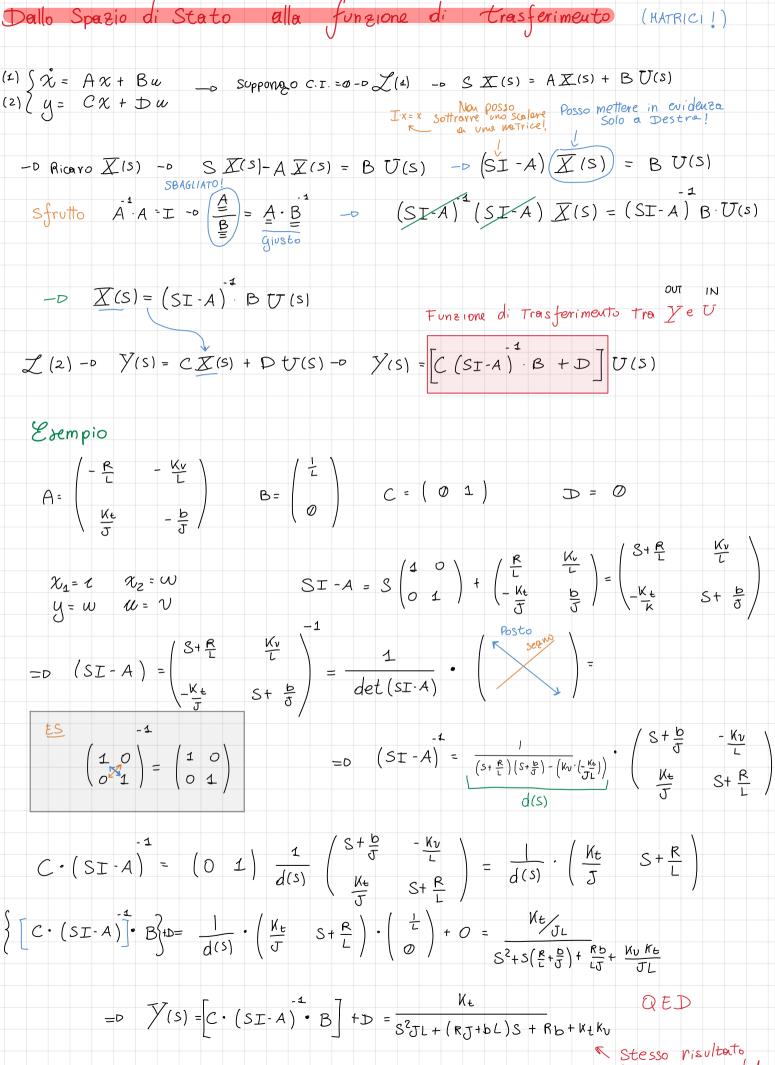


Parte Hecconica



Schemo a blocchi lez 11

FOTO Schemo & bloech: con GOTO e FROM



attenuto nel caso del motore elettrico

