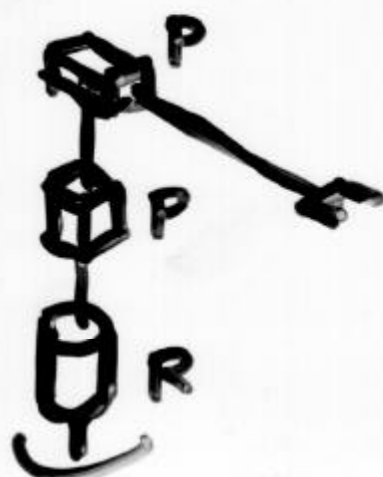


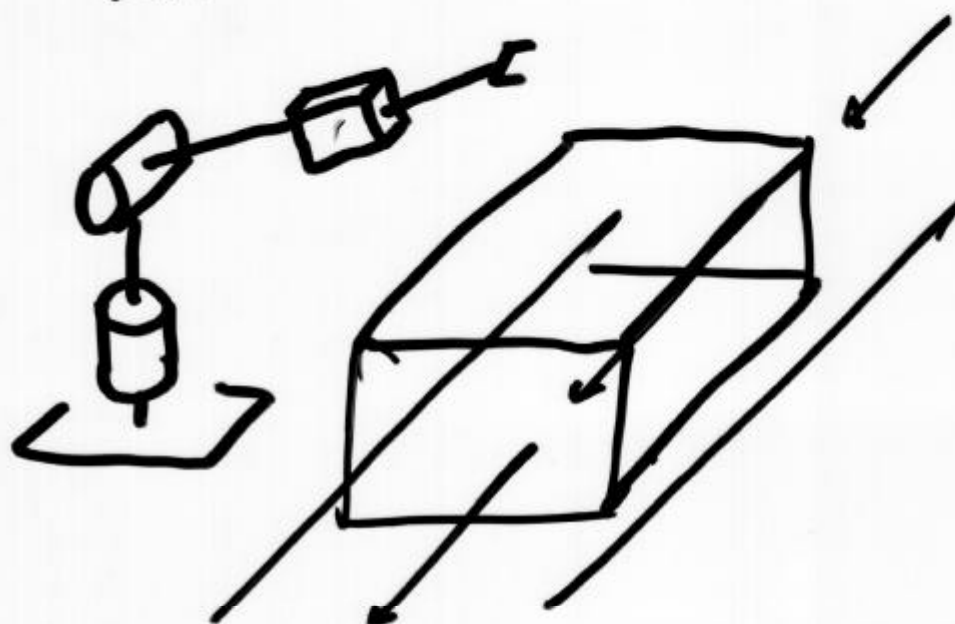
1R-2P  
CILINDRICO



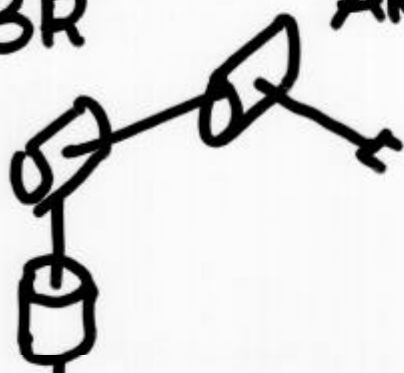
2R-1P

3R

2R-1P POLARE



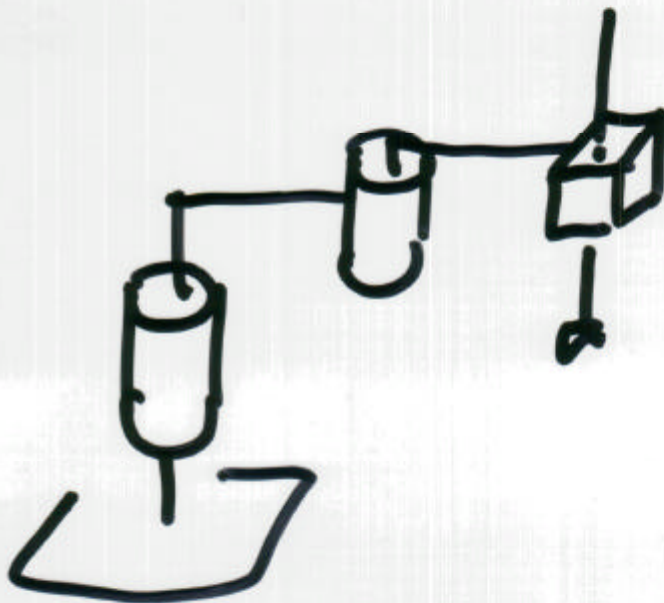
3R ANTROPOMORFO



SCARA

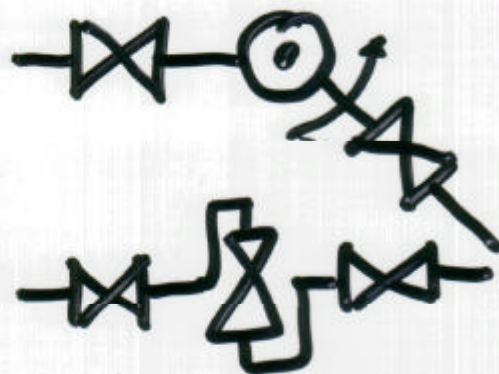
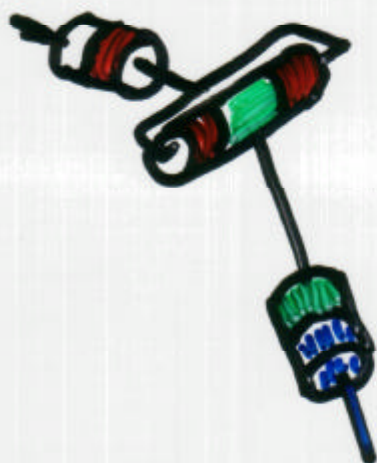
2R-1P

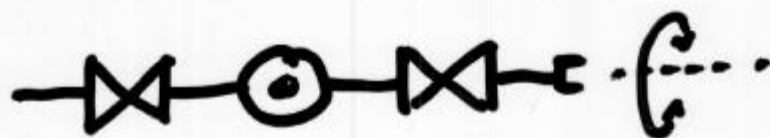
1



POLSO (3R)

EULERIANO  
ROLL-PITCH-YAW (RPY)

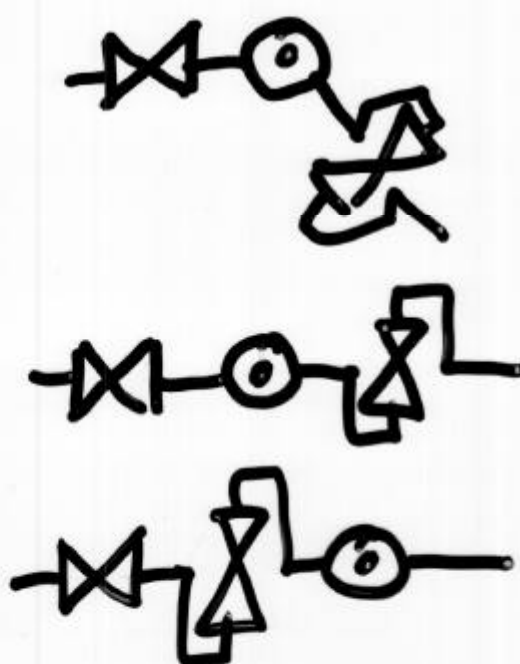
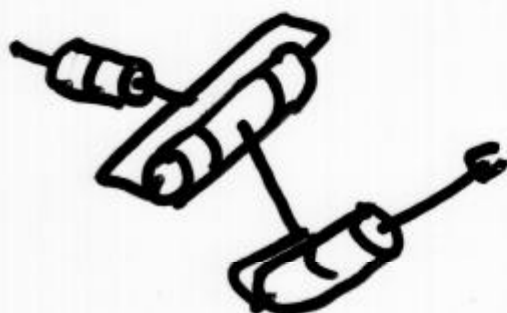
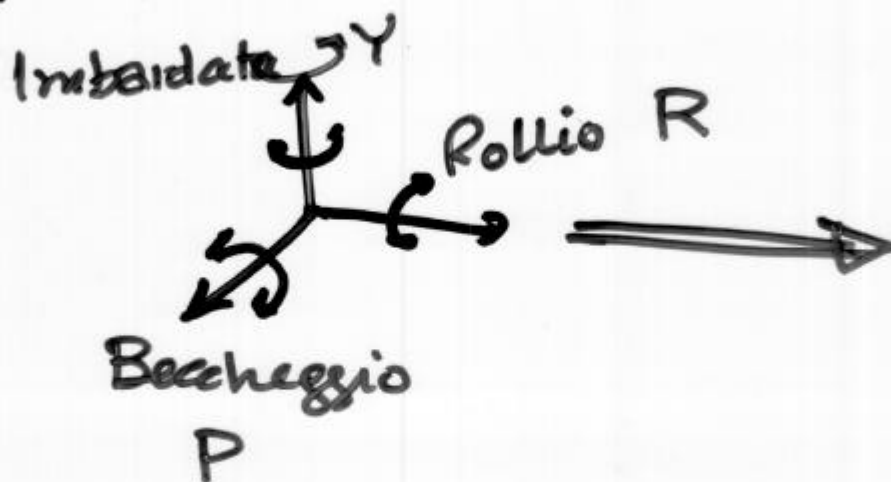


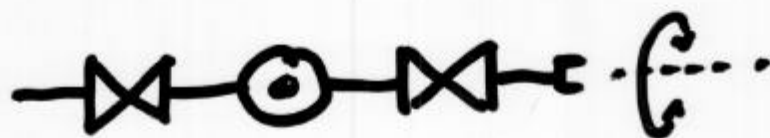


Roll  $\rightarrow$  Rollio

PITCH  $\rightarrow$  Beccheggio

YAW  $\rightarrow$  Imbardata

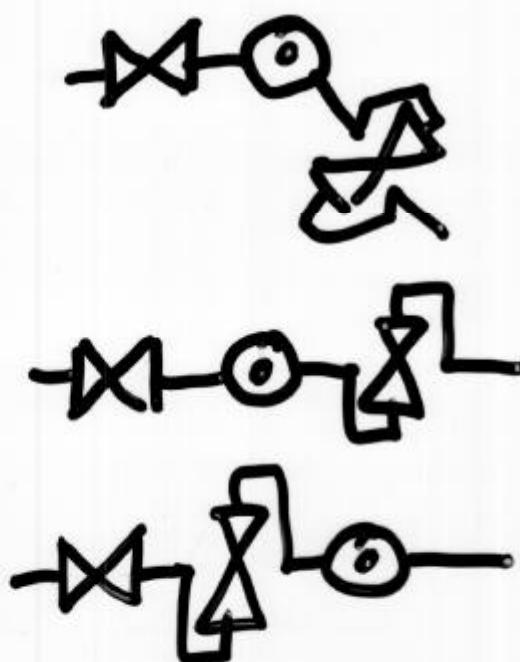
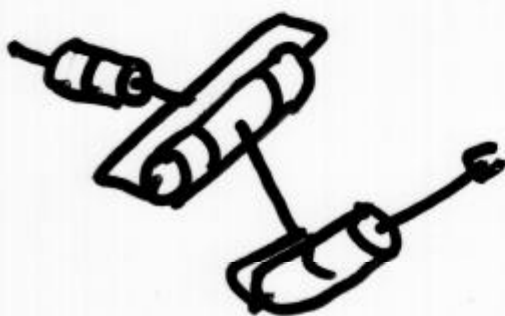
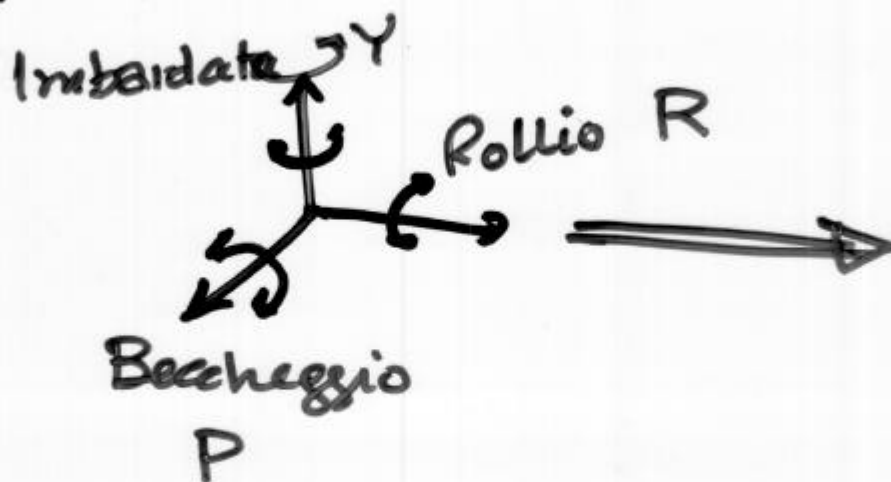


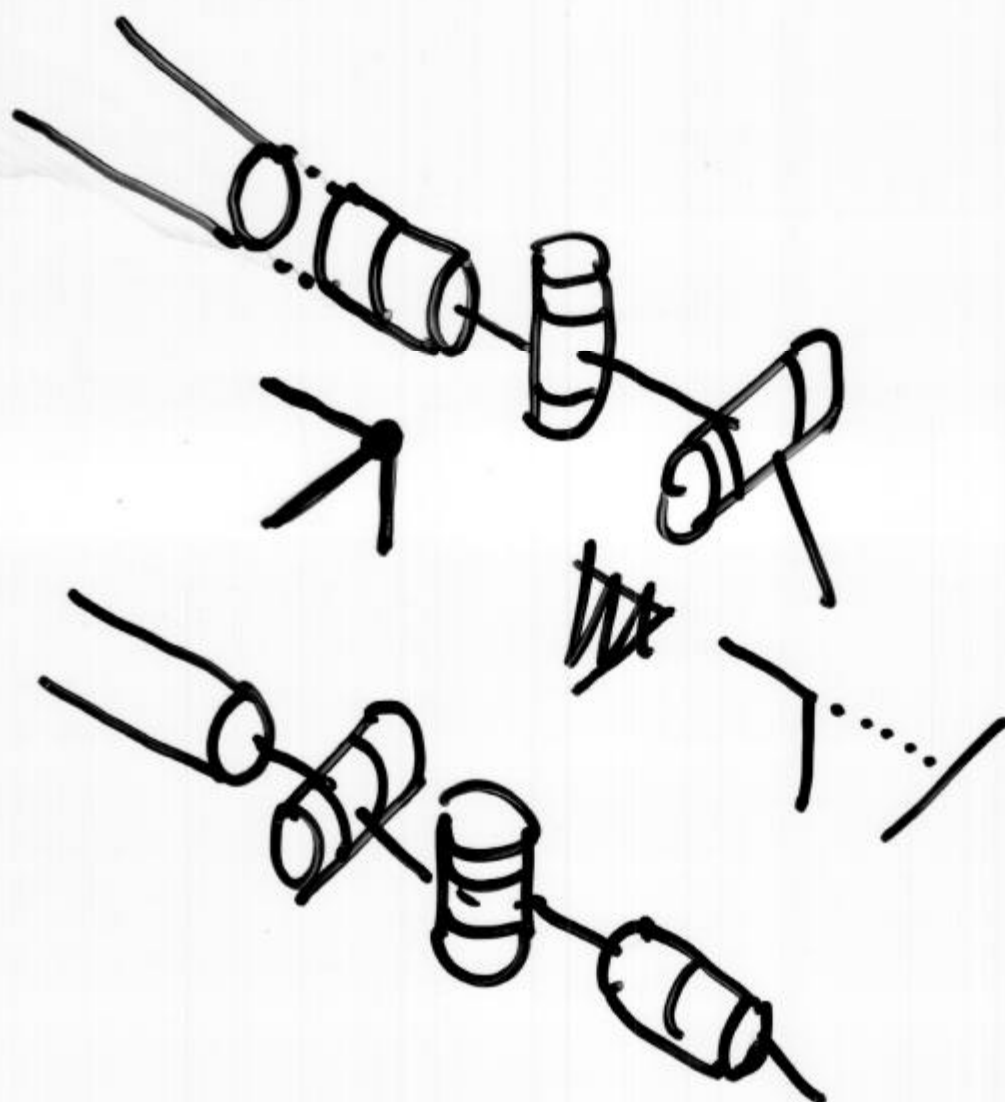


Roll  $\rightarrow$  Rollio

PITCH  $\rightarrow$  Beccheggio

YAW  $\rightarrow$  Imbardata





## POLSO "SFERICO"

Utile nella cinematica inversa

$\underline{q} \rightarrow \underline{p}$  FACILE

$\underline{p} \rightarrow \underline{q}$  DIFFICILE