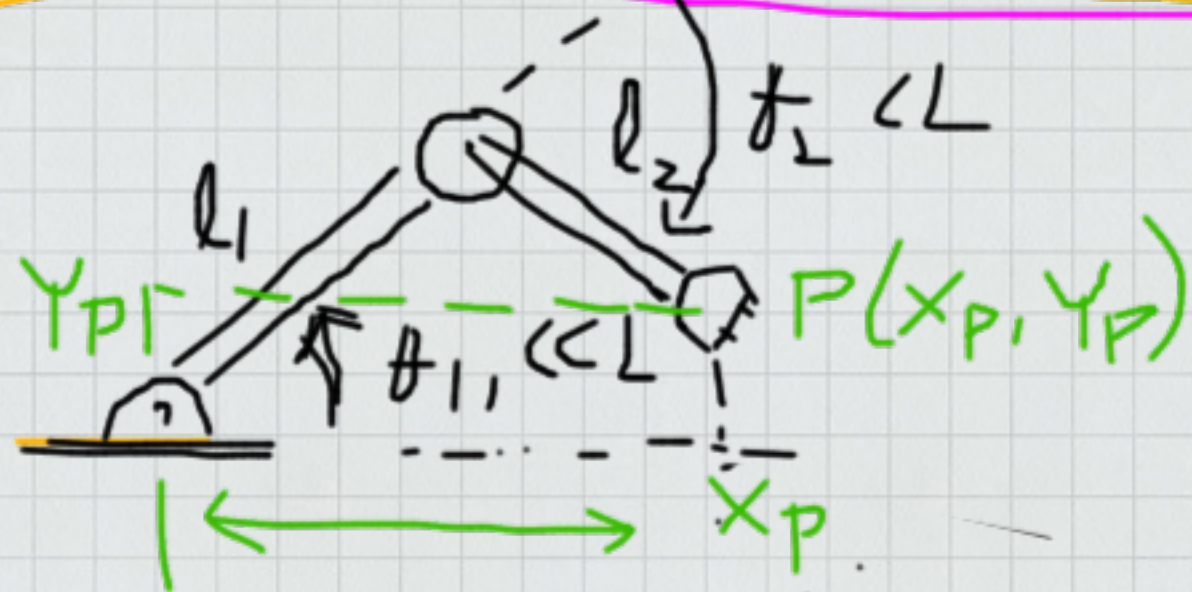
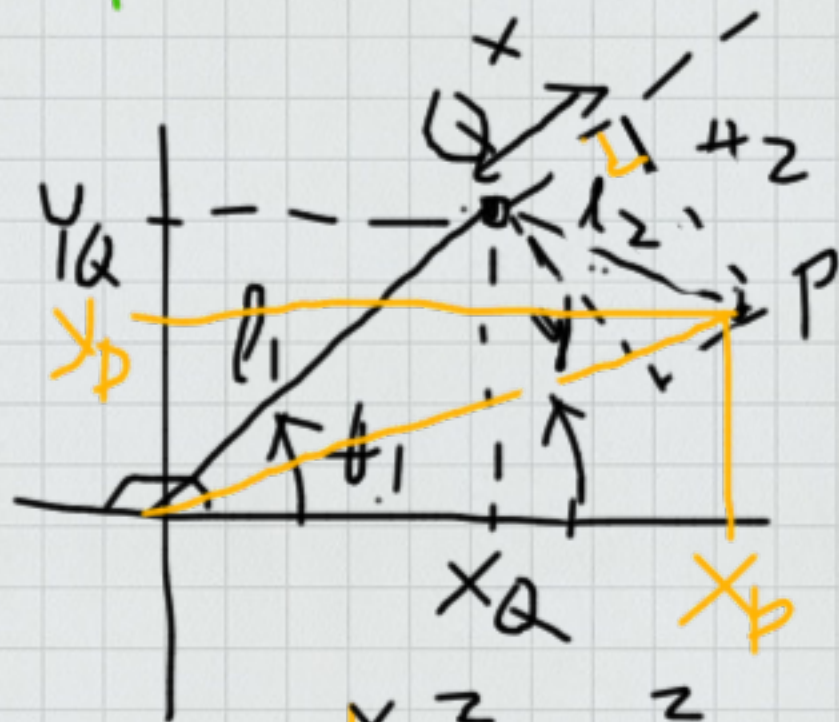


* KINEMATIKA ROBOT



Misalnya diketahui
 l_1, l_2, θ_1 dan θ_2
Dicari x_P dan y_P



$$\begin{aligned}x_Q &= l_1 \cos \theta_1 \\y_Q &= l_1 \sin \theta_1 \\x &= l_2 \cos \theta_2 \\y &= l_2 \sin \theta_2\end{aligned}$$

$$\begin{aligned}x_P^2 + y_P^2 &= (l_1 + x)^2 + y^2 = (l_1 + l_2 \cos \theta_2)^2 \\&+ (l_2 \sin \theta_2)^2 = A\end{aligned}$$

— (1)