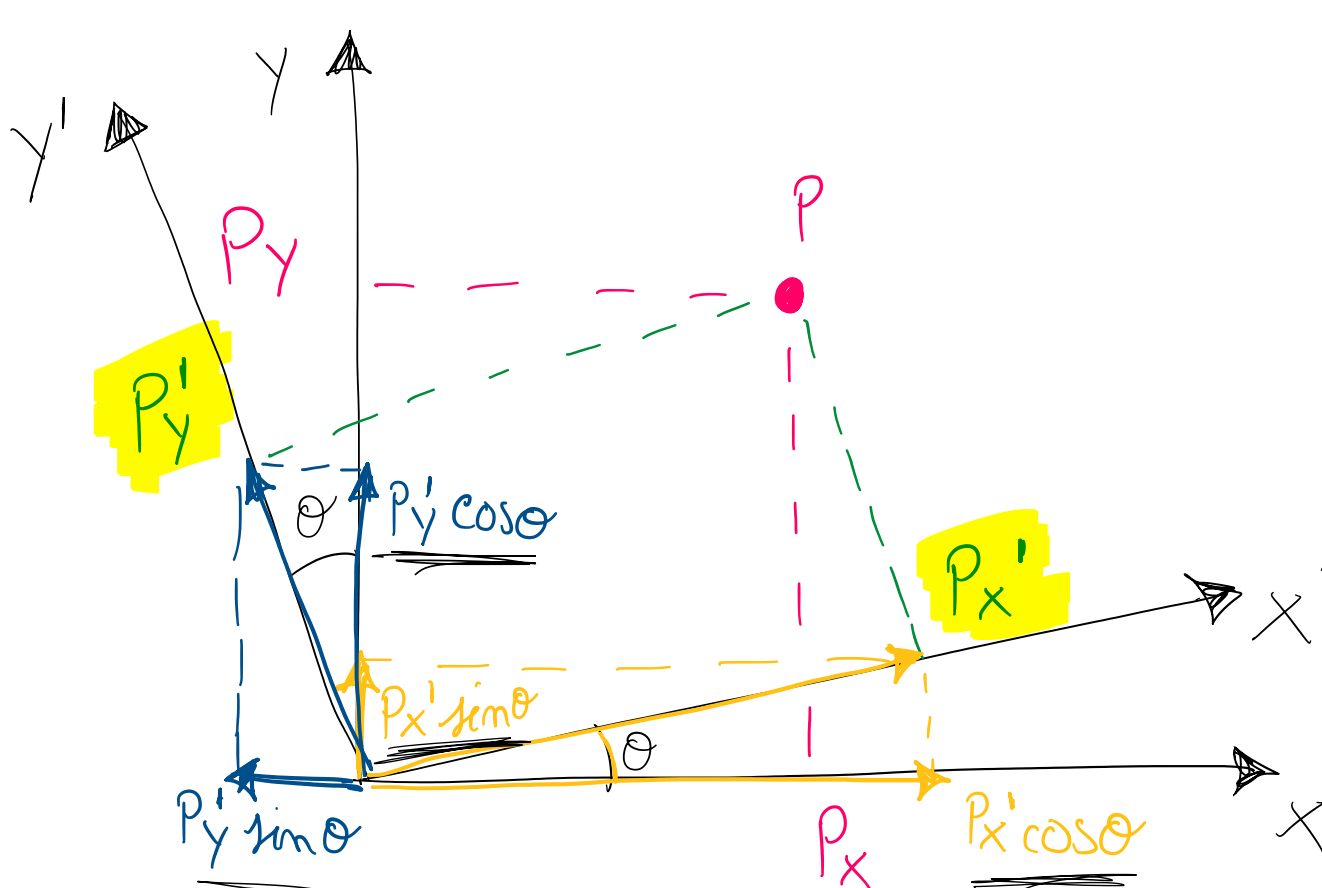


L52 Rotation Matrix

martedì 14 marzo 2023

15:58



P_x ?

P_y ?

$$\begin{cases} P_x = P'_x \cos \theta - P'_y \sin \theta \\ P_y = P'_x \sin \theta + P'_y \cos \theta \end{cases}$$

$$\begin{bmatrix} P_x \\ P_y \end{bmatrix} = \begin{bmatrix} \cos \theta & -\sin \theta \\ \sin \theta & \cos \theta \end{bmatrix} \begin{bmatrix} P'_x \\ P'_y \end{bmatrix}$$

Rotation
Matrix