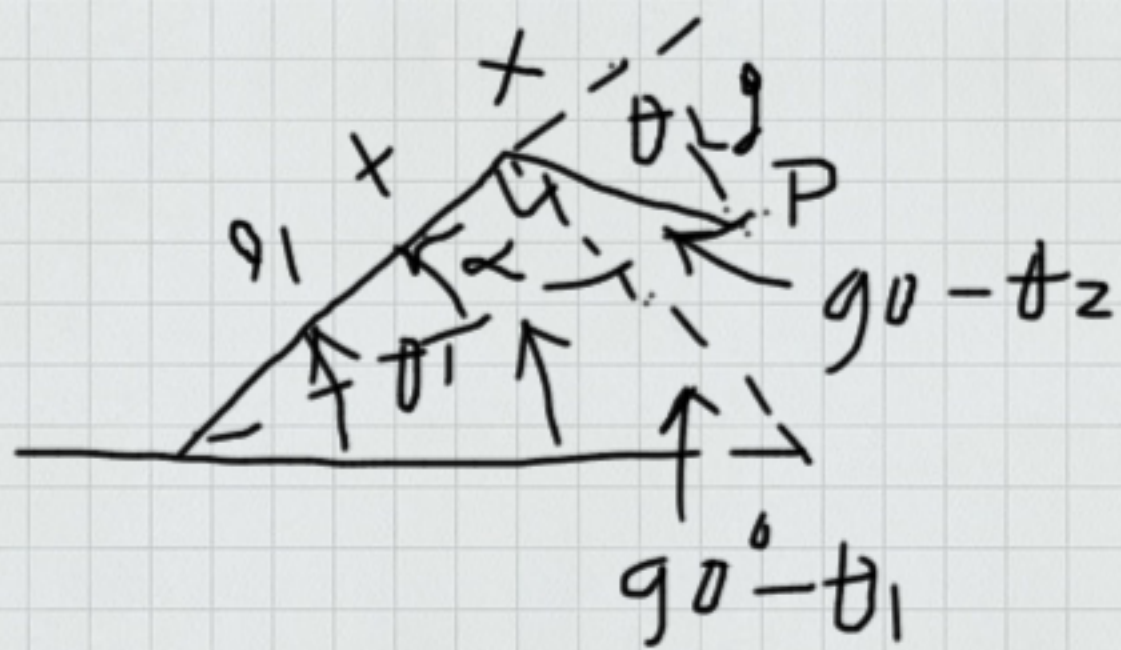




$$\alpha = \tan^{-1} \frac{y}{x + l_1}$$

$$\frac{y_P}{x_P} = \tan(\theta_1 - \alpha) \quad \text{--- (2)}$$

Contoh

Diketahui :

$$l_1 = 1 \text{ m}$$

$$l_2 = 0,4$$

$$\theta_1 = 30^\circ$$

$$\theta_2 = 45^\circ$$

Ditanyakan : $P(x_P, y_P)$

$$x = l_2 \cos \theta_2 = 0,4 \cos 45^\circ = 0,2828$$

$$y = l_2 \sin \theta_2 = 0,4 \sin 45^\circ = 0,2828$$

$$(l_1 + x) = 1,2828 \rightarrow x_P^2 + y_P^2 = (0,2828)^2 + (1,2828)^2 = 1,7257$$