

$$\begin{aligned}p: 5x + 4y - 20 &= 0 \\q: 3x - 2y + 7 &= 0\end{aligned}$$

$$\begin{aligned}\overrightarrow{n_p} &= (5; 1) \\ \overrightarrow{n_q} &= (3; -2)\end{aligned}$$

$$\cos \omega = \frac{|u_1 v_1 + u_2 v_2|}{\sqrt{u_1^2 + u_2^2} \cdot \sqrt{v_1^2 + v_2^2}}$$

$$\cos \omega = \frac{|5 \cdot 3 + 1 \cdot (-2)|}{\sqrt{5^2 + 1^2} \cdot \sqrt{3^2 + (-2)^2}}$$

$$\cos \omega = 0,707 \dots$$

$$\omega = 45^\circ$$