

XII-1 $P = (1, -2, 0)$

$P \in \pi$, $\pi \perp \begin{pmatrix} 0 \\ -3 \\ 2 \end{pmatrix}$
 $\begin{matrix} A \\ B \\ C \end{matrix}$

$$Ax + By + Cz + D = 0$$

$$Ax + By + Cz = -D$$

$$0 + (-3)y + 2z = -D$$

$$\underline{-3(-2) + 2 \cdot 0 = -D}$$

$$D = -6$$

$$-3y + 2z - 6 = 0$$

$$\pi: Ax + By + Cz + D = 0$$

$$\neg (A = B = C = 0)$$

$\vec{n} = (A, B, C)$ - vektor
Normalen

