$$2x - y + 2y + 32 - 4 = 0$$

$$2x - y + 2 + 7 = -0$$

$$P(1,2,3)$$

$$d:st(P, \ell) = \frac{||PA \times AB||}{||AB||}$$

- A B

$$\begin{cases} 24 + 24 + 32 - 4 = 0 \\ 24 - 4 + 2 + 7 = 0 \end{cases}$$

$$\begin{pmatrix}
1 & 2 & 3 & 4 \\
2 & -1 & 1 & -7
\end{pmatrix}$$

$$\begin{pmatrix}
2 & -1 & 1 & 2 & 3 & 4 \\
0 & -5 & -5 & -15
\end{pmatrix}$$

$$\sim \begin{pmatrix}
1 & 2 & 3 & 4 \\
0 & -5 & -5 & -15
\end{pmatrix}$$

$$\sim \begin{pmatrix}
1 & 2 & 3 & 4 \\
0 & 1 & 3 & 7
\end{pmatrix}$$

$$\sim \begin{pmatrix}
1 & 0 & 1 & -2 \\
0 & 1 & 1 & 3
\end{pmatrix}$$

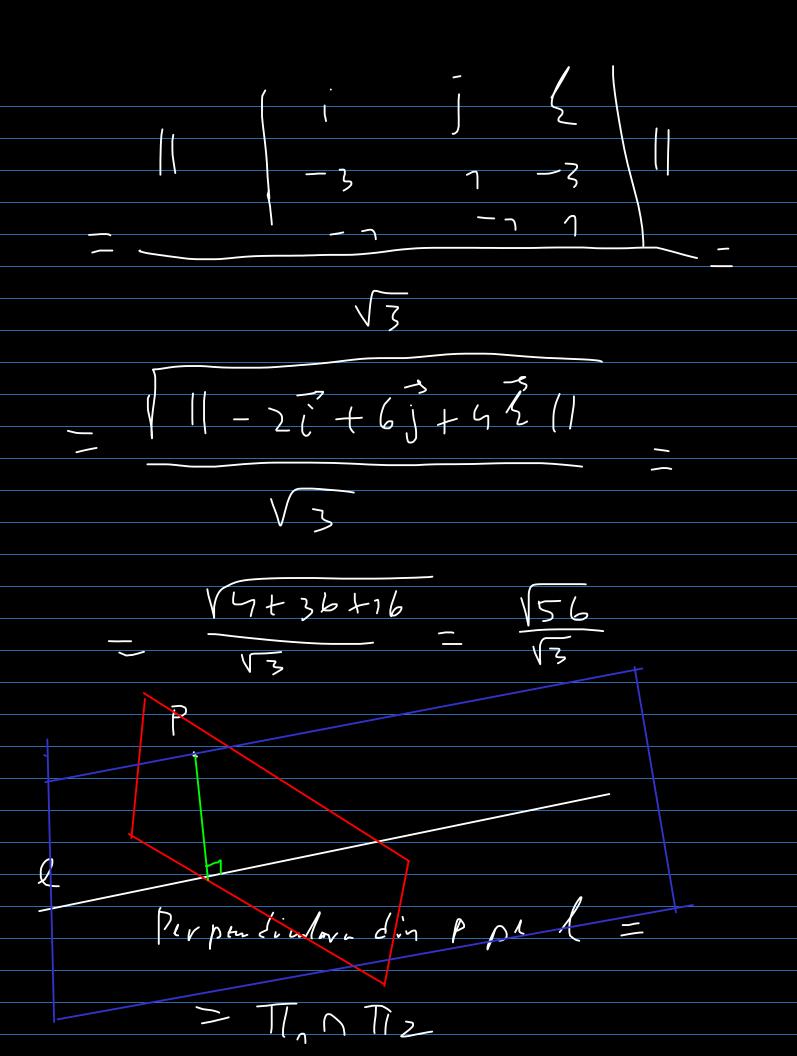
$$= 1 \qquad \begin{cases}
1 & 4 & 4 & 2 & -2 \\
4 & 4 & 2 & -3 & 7
\end{cases}$$

$$(=) \begin{cases} 1 = -2 - 4 \\ 5 = 3 - 4 \\ 2 = 4 \end{cases}$$

$$=) A (-2, 3, 0) \in ($$

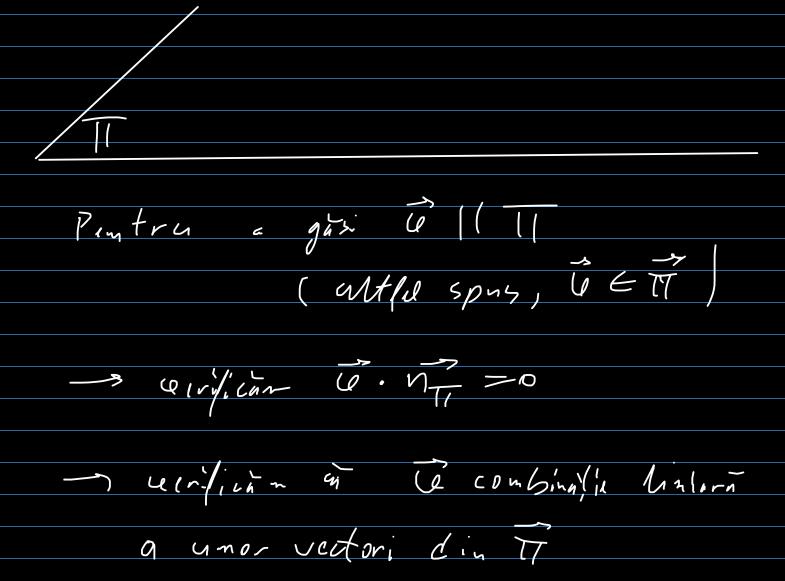
$$(-1, -7, 1) = \hat{(}$$

$$=\frac{\|(-3,1,-3)\times(-7,-1,1)\|}{\|(-1,-1,1)\|}$$



The plant perp-pel care contine P pland determined de P SAU STT : Pland perp- pe l care (On fine P $P'=TT_{\Lambda}\cap ($ DIVP- este drupta PP R Y P(7, 7, 2)

TI, : x (+-x,)+p(4-7, + x(2-2)=0





$$\vec{Q} \cdot \vec{W} = |\vec{Q}| | |\vec{Q}| | |\vec{Q}| | |\vec{Q}| | = |\vec{Q}| | | |\vec{Q}| | |$$

