Senhar W4-917

Penal of plans

Any plane containing (is of the form:

The a. (A, x+ B, y+C, z+ P,) + p-(Ax+B, y+C, z+
2, 13 + D2) = 0

4.1. Write the equation of the plane determined

 $\begin{cases} x - 2y + 3 = 0 \\ 2x + 2 - 3 = 0 \end{cases}$

And the point A (-1, 2, 6)

We with the equation of a plane that continue!

The second of the continue!

=)
$$\pi_{\lambda,-13}$$
: $\lambda(-252-2y-105+35)=0$
 $\lambda(-2$

$$P: \begin{cases} \lambda = 1+3\lambda \\ y = -2+2\lambda \\ z = 3-6\lambda \end{cases}$$

$$\xi + 2y - 3t + b > 0$$

$$(-1) \begin{cases} x = 1+3 \\ y = -2+2 \\ 2 = 3-6 \\ 1+3 \\ + (-4) + 4 \\ -9 + 18 \\ + 60 \end{cases}$$

$$(-1)$$

$$7$$

$$7$$

$$2 = 3$$

$$-6 + 25 \lambda = 0$$

$$7$$

$$3$$

$$-6$$

$$2$$

$$3$$

$$4$$

$$-6$$

$$3$$

$$4$$

$$5$$

$$4$$

$$5$$

$$6$$

$$2$$

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$$2$$

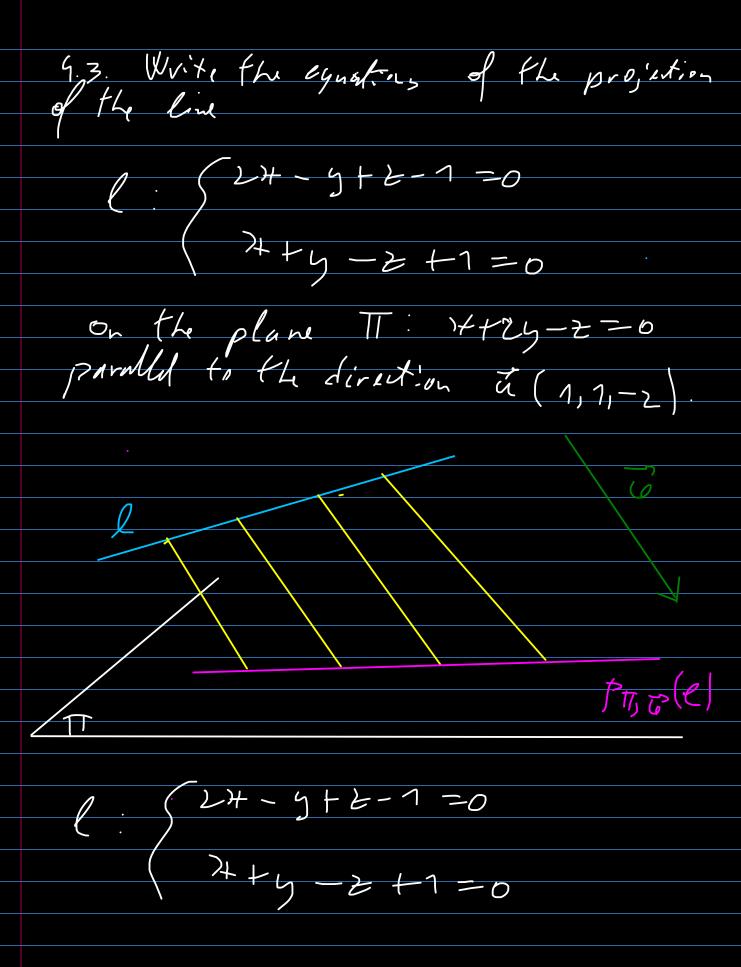
$$5$$

$$6$$

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$$6$$

Projections and reflections



$$\begin{array}{c} 2x - y = 1 - 2 \\ x + y = 2 - 1 \end{array}$$

$$\begin{array}{c} x + y = 2 - 1 \\ 3x = 0 \end{array}$$

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(4,13,11) = (1,2,-1,0)

$$\frac{A \times + B y + C \times + 1)}{A p + 135 + cv} = \frac{1 \cdot 0 + 2 \cdot (\lambda - 1) + (-1)\lambda - 1}{4 \cdot 1 + 2 \cdot 1 + (-1)(-1)}$$

$$= \frac{\lambda - 2}{5}$$

$$= \frac{\lambda - 2}{5}$$

$$= \frac{\lambda - 2}{5} + \frac{\lambda - 2}{5}$$
This the peremetric equation of a

We will now do the same for the reflection. S T, 6