$$P(x; 0; 0)$$
 est sur Ox .

$$\overrightarrow{AP} \perp \overrightarrow{BP} \Leftrightarrow \overrightarrow{AP}, \overrightarrow{BP} = 0$$

$$\left(\begin{array}{c} X+2 \\ -3 \\ 2 \end{array}\right) \cdot \left(\begin{array}{c} X+6 \\ 1 \\ -1 \end{array}\right) = 0$$

$$(x+2)(x+6) - 3 - 2 = 0$$

$$A X^2 + 8x + 7 = 0$$

$$(X+1)(X+7)=0$$

$$4 \quad \chi = -1 \quad / \chi = -1 \quad \Rightarrow$$

$$P(-1,0,0)$$

$$P(-1,0,0)$$